

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122218\
 Data File : VW007759.D
 Acq On : 20 Dec 2018 20:34
 Operator : SY/AP
 Sample : J6392-19MSD
 Misc : 6.05G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 03:55:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	71575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	117773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	103871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	69723	88.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.76%	
35) Dibromofluoromethane	7.88	113	61920	86.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.36%	
50) Toluene-d8	10.32	98	223211	82.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.82%	
62) 4-Bromofluorobenzene	12.62	95	85926	82.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30676	48.210	ug/l	94
3) Chloromethane	2.22	50	29747	76.134	ug/l	99
4) Vinyl Chloride	2.37	62	34604	69.574	ug/l	97
5) Bromomethane	2.78	94	25285	72.989	ug/l	91
6) Chloroethane	2.93	64	21020	78.996	ug/l	98
7) Trichlorofluoromethane	3.26	101	29843	57.633	ug/l	98
8) Diethyl Ether	3.68	74	22073	69.595	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41569	54.509	ug/l	99
10) Methyl Iodide	4.26	142	70507	58.137	ug/l	97
11) Tert butyl alcohol	5.17	59	19459	367.704	ug/l	98
12) 1,1-Dichloroethene	4.03	96	40003	56.648	ug/l	97
13) Acrolein	3.89	56	10453	247.041	ug/l	98
14) Allyl chloride	4.67	41	57034	61.588	ug/l	95
15) Acrylonitrile	5.37	53	47759	353.007	ug/l	99
16) Acetone	4.12	43	54686	372.257	ug/l	96
17) Carbon Disulfide	4.37	76	122643	56.122	ug/l	100
18) Methyl Acetate	4.67	43	30058	86.035	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	79249	78.170	ug/l	# 74
20) Methylene Chloride	4.91	84	49519	69.916	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	44522	57.325	ug/l	95
22) Diisopropyl ether	6.32	45	115916	66.849	ug/l	96
23) Vinyl Acetate	6.26	43	321074	311.656	ug/l	100
24) 1,1-Dichloroethane	6.21	63	76371	59.869	ug/l	98
25) 2-Butanone	7.17	43	62713	364.467	ug/l	97
26) 2,2-Dichloropropane	7.16	77	52761	56.522	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	50001	60.428	ug/l	99
28) Bromochloromethane	7.51	49	28778	66.167	ug/l	97
29) Tetrahydrofuran	7.53	42	39023	380.209	ug/l	97
30) Chloroform	7.68	83	84433	58.487	ug/l	99
31) Cyclohexane	7.96	56	65562	56.141	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	72572	55.197	ug/l	100
36) 1,1-Dichloropropene	8.08	75	61159	53.803	ug/l	99
37) Ethyl Acetate	7.26	43	27046	68.942	ug/l	97
38) Carbon Tetrachloride	8.07	117	64752	48.369	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80532	57.014	ug/l	97
40) Benzene	8.32	78	177049	58.368	ug/l	97
41) Methacrylonitrile	7.49	41	17994	80.789	ug/l	89
42) 1,2-Dichloroethane	8.40	62	61428	60.429	ug/l	96
43) Isopropyl Acetate	8.43	43	61629	78.413	ug/l	93
44) Trichloroethene	9.09	130	50344	54.882	ug/l	98
45) 1,2-Dichloropropane	9.37	63	41477	61.624	ug/l	94
46) Dibromomethane	9.46	93	24755	59.749	ug/l	98
47) Bromodichloromethane	9.65	83	62394	57.283	ug/l	98
48) Methyl methacrylate	9.44	41	25867	65.935	ug/l	94
49) 1,4-Dioxane	9.44	88	9364	1425.514	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	134070	360.948	ug/l	100
52) Toluene	10.39	92	136715	67.177	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66279	61.176	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	71622	59.850	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40014	70.055	ug/l	97
56) Ethyl methacrylate	10.65	69	46122	68.344	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59879	63.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93831	304.530	ug/l	99
59) 2-Hexanone	10.97	43	96756	370.398	ug/l	100
60) Dibromochloromethane	11.13	129	41843	55.328	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35539	61.442	ug/l	97
64) Tetrachloroethene	10.87	164	42078	57.207	ug/l	97
65) Chlorobenzene	11.66	112	128283	57.060	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45689	56.875	ug/l	98
67) Ethyl Benzene	11.73	91	224730	58.252	ug/l	98
68) m/p-Xylenes	11.84	106	175813	117.479	ug/l	98
69) o-Xylene	12.17	106	85595	61.016	ug/l	98
70) Styrene	12.18	104	136216	59.071	ug/l	99
71) Bromoform	12.35	173	23846	57.182	ug/l #	99
73) Isopropylbenzene	12.47	105	250744	65.979	ug/l	99
74) N-amyl acetate	12.27	43	50298	76.408	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	40111	70.394	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	54529	140.324	ug/l #	100
77) Bromobenzene	12.75	156	52569	60.358	ug/l	95
78) n-propylbenzene	12.81	91	270350	61.111	ug/l	100
79) 2-Chlorotoluene	12.90	91	149712	58.093	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	191824	58.517	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11974	64.680	ug/l	98
82) 4-Chlorotoluene	12.99	91	157176	57.279	ug/l	99
83) tert-Butylbenzene	13.21	119	159291	55.381	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	206001	62.278	ug/l	99
85) sec-Butylbenzene	13.39	105	209052	52.737	ug/l	100
86) p-Isopropyltoluene	13.51	119	190423	52.828	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	99628	57.613	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	100384	58.033	ug/l	99
89) n-Butylbenzene	13.83	91	162061	49.036	ug/l	99
90) Hexachloroethane	14.10	117	31877	50.373	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	93857	60.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8018	68.520	ug/l	98

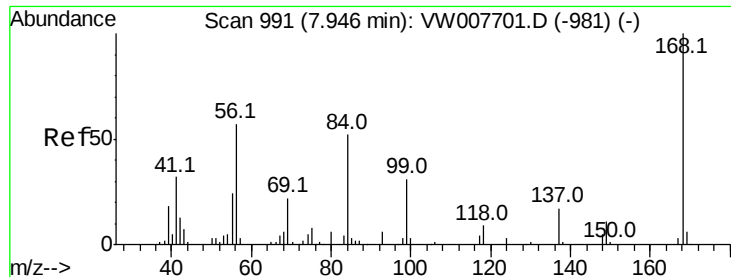
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61583	57.301	ug/l	98
94) Hexachlorobutadiene	15.24	225	24891	43.337	ug/l	100
95) Naphthalene	15.38	128	155878	78.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	56596	61.519	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

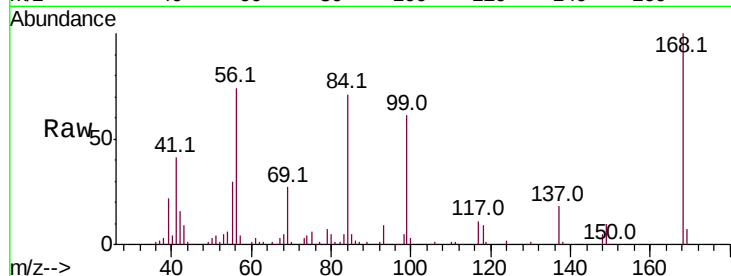
ClientSampleId :

Tot Ion:168 Resp: 71575

Ion Ratio Lower Upper

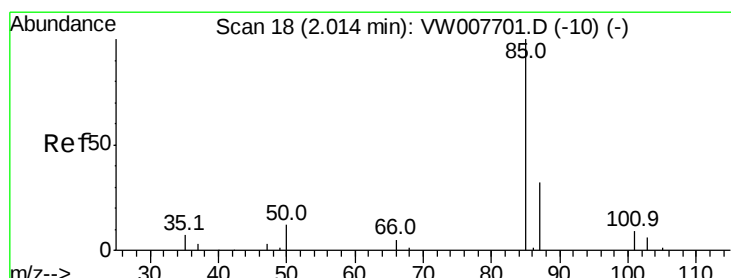
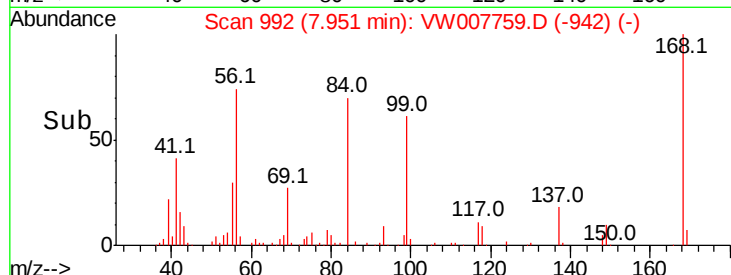
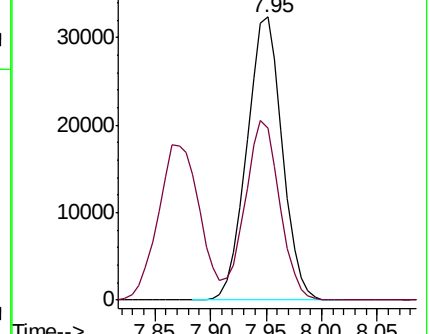
168 100

99 60.9 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 48.210 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007759.D

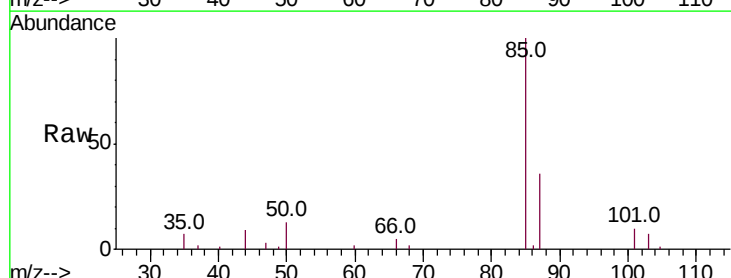
Acq: 20 Dec 2018 20:34

Tgt Ion: 85 Resp: 30676

Ion Ratio Lower Upper

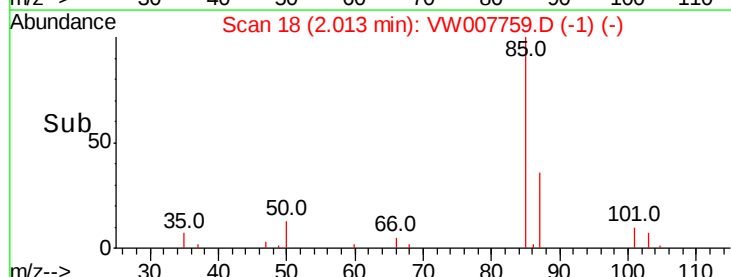
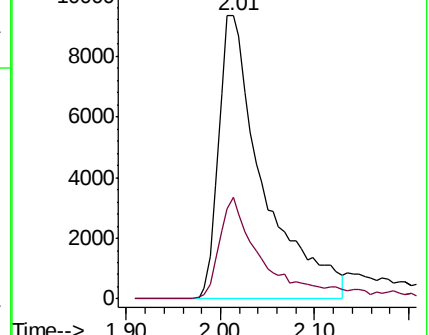
85 100

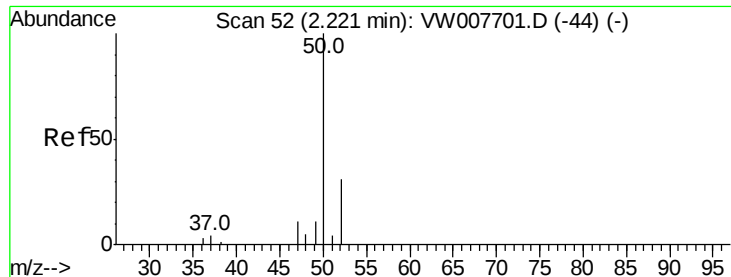
87 35.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 76.134 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

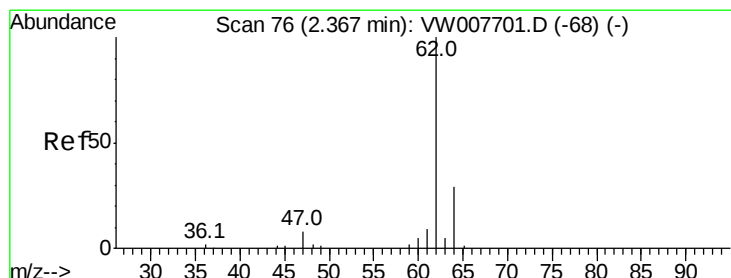
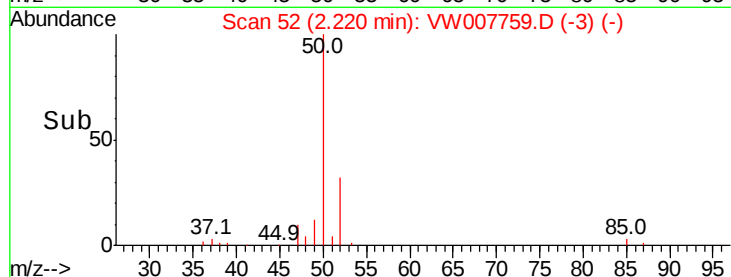
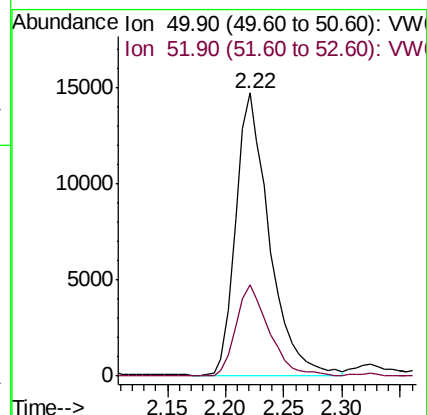
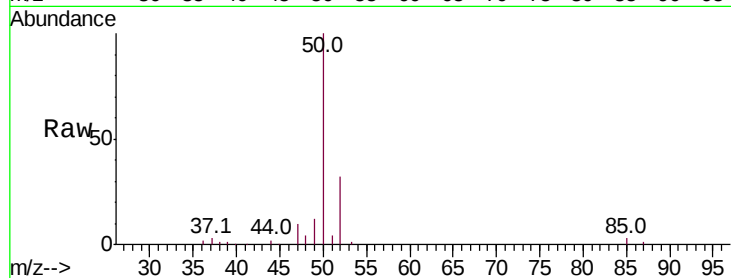
ClientSampleId :

Tot Ion: 50 Resp: 29747

Ion Ratio Lower Upper

50 100

52 32.2 25.1 37.7



#4

Vinyl Chloride

Concen: 69.574 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007759.D

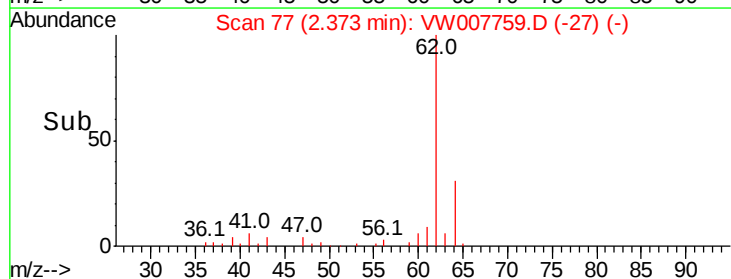
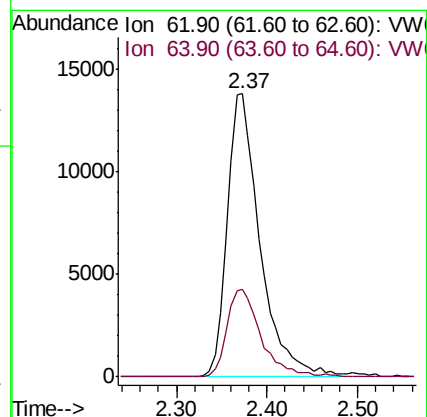
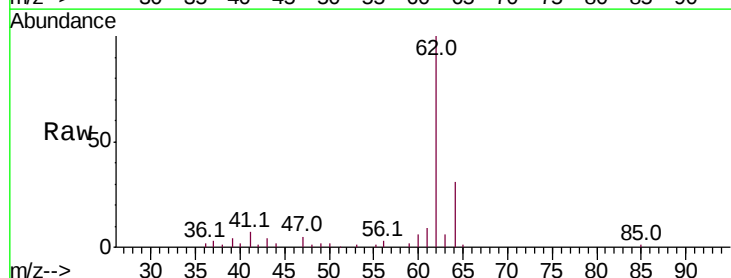
Acq: 20 Dec 2018 20:34

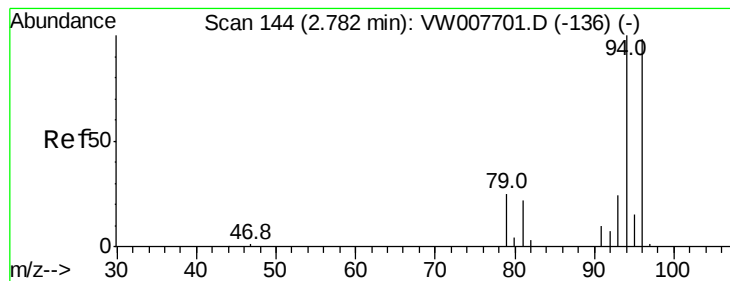
Tgt Ion: 62 Resp: 34604

Ion Ratio Lower Upper

62 100

64 30.9 23.4 35.0





#5

Bromomethane

Concen: 72.989 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

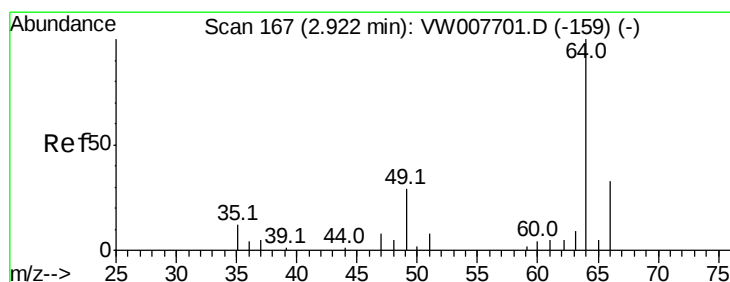
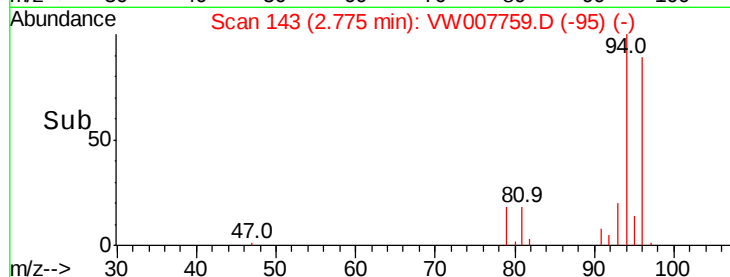
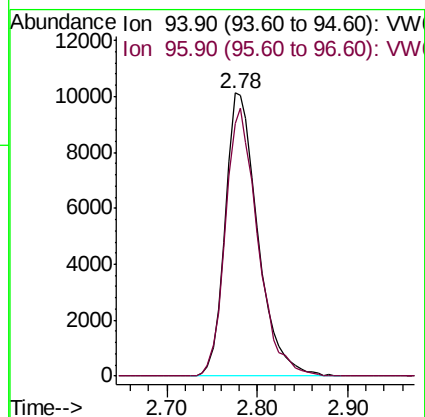
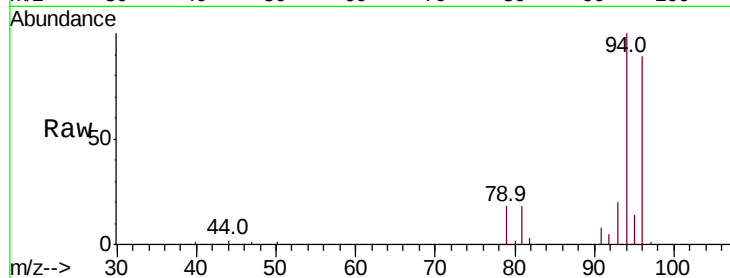
ClientSampleId :

Tot Ion: 94 Resp: 25285

Ion Ratio Lower Upper

94 100

96 89.3 78.2 117.2



#6

Chloroethane

Concen: 78.996 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007759.D

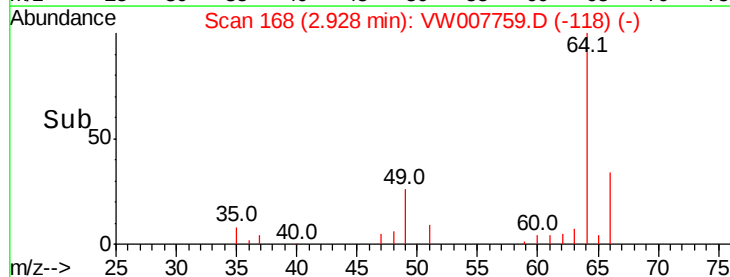
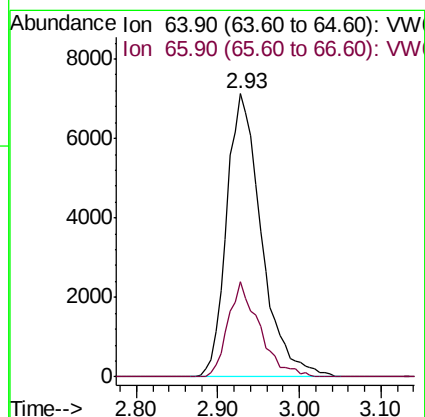
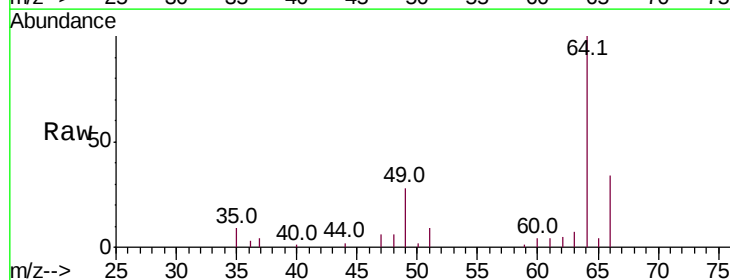
Acq: 20 Dec 2018 20:34

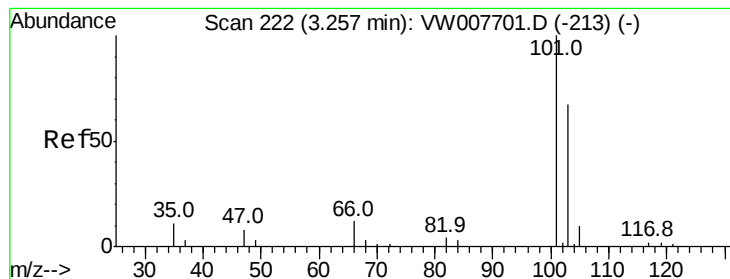
Tgt Ion: 64 Resp: 21020

Ion Ratio Lower Upper

64 100

66 33.7 26.2 39.4



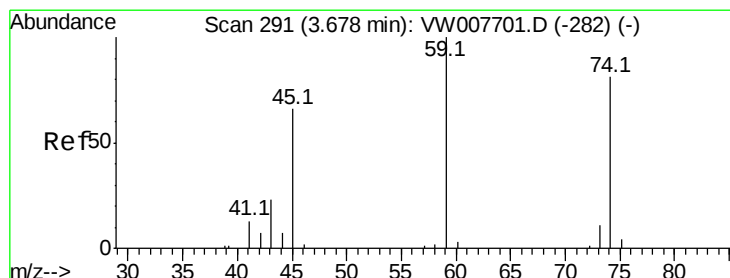
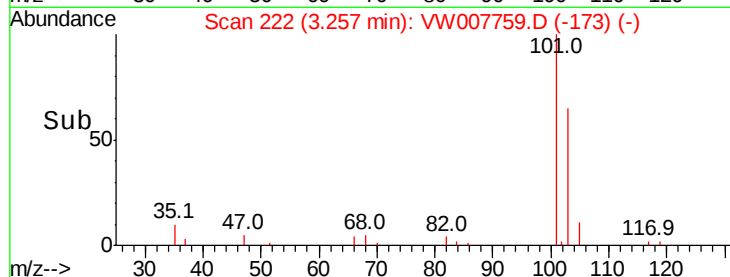
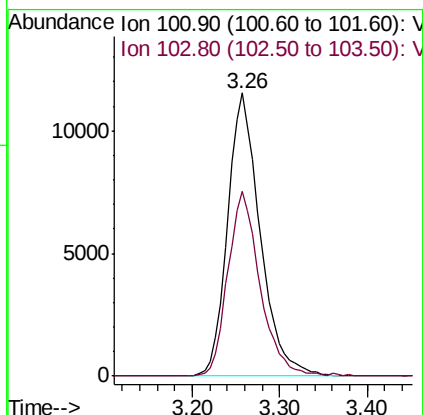
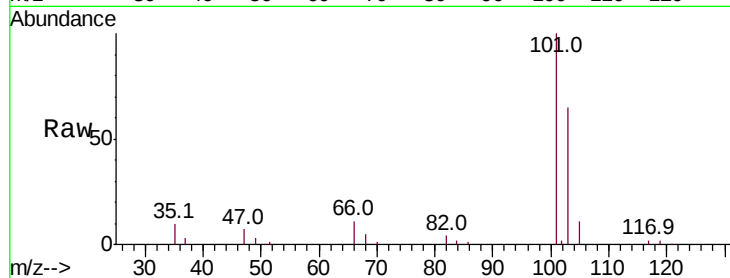


#7

Trichlorofluoromethane
 Concen: 57.633 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampled :

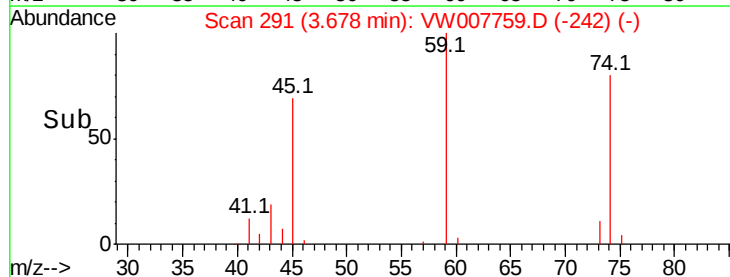
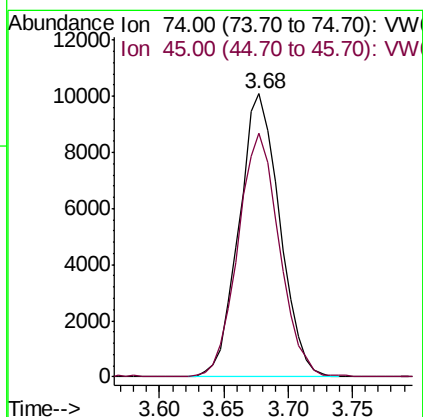
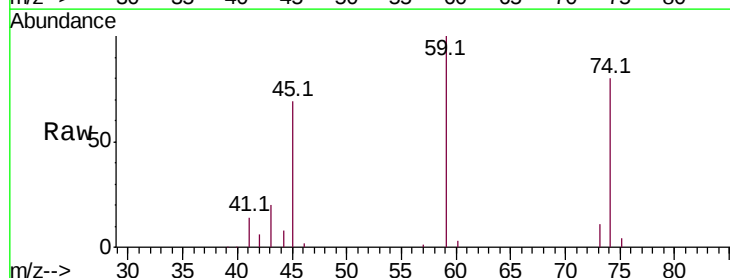
Tot Ion:101 Resp: 29843
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.4 80.2

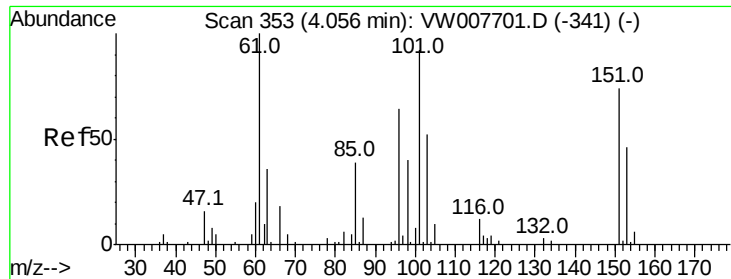


#8

Diethyl Ether
 Concen: 69.595 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 74 Resp: 22073
 Ion Ratio Lower Upper
 74 100
 45 87.6 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.509 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

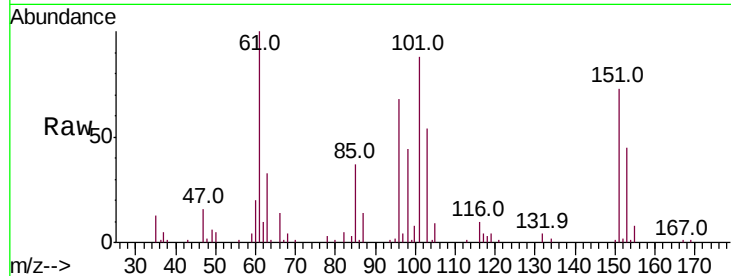
Tot Ion:101 Resp: 41569

Ion Ratio Lower Upper

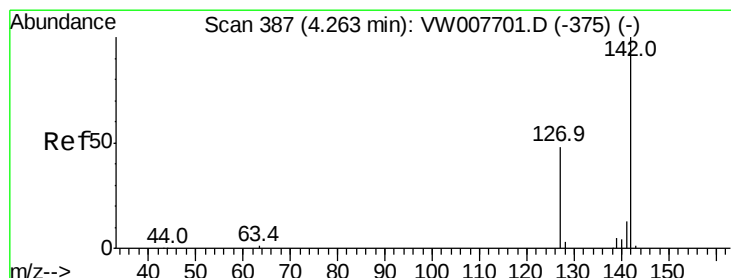
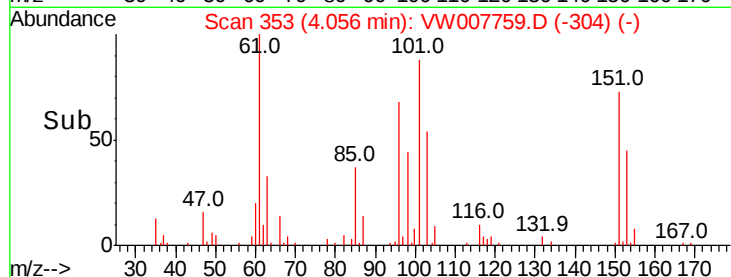
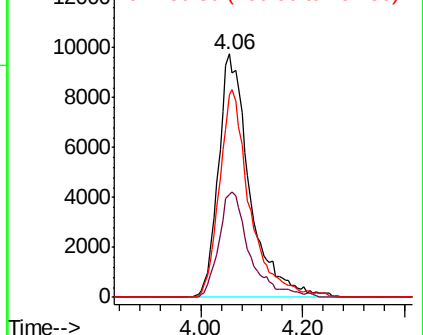
101 100

85 42.2 34.3 51.5

151 81.4 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VW
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.137 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

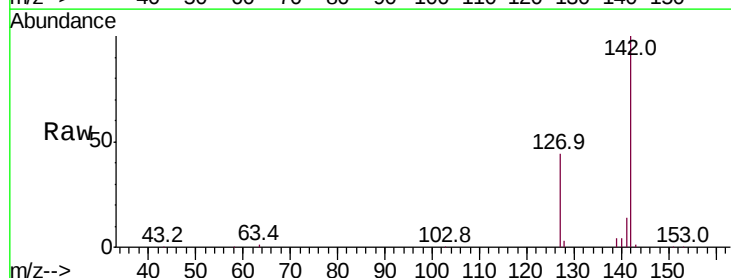
Tgt Ion:142 Resp: 70507

Ion Ratio Lower Upper

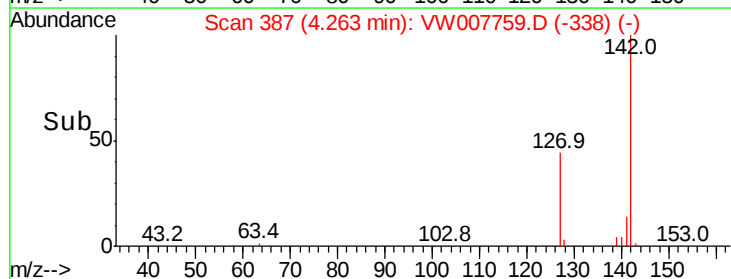
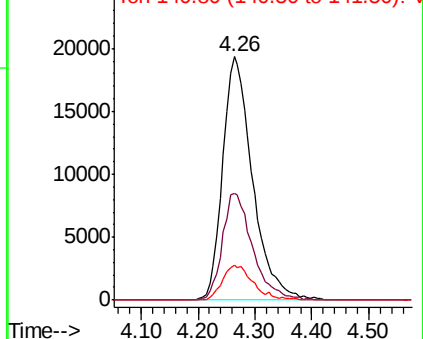
142 100

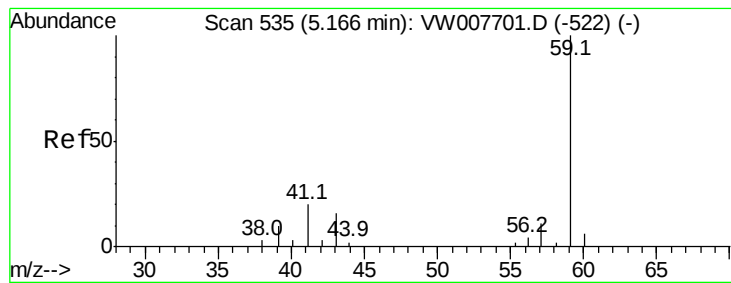
127 44.4 37.7 56.5

141 14.8 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



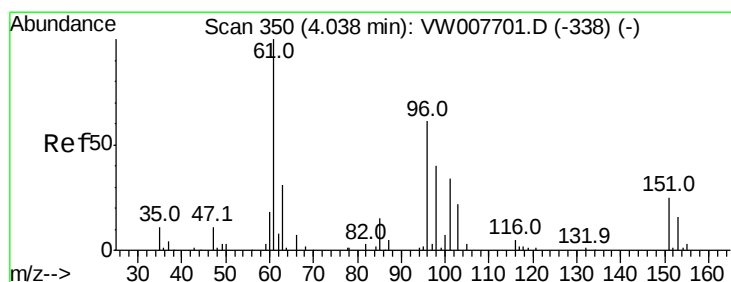
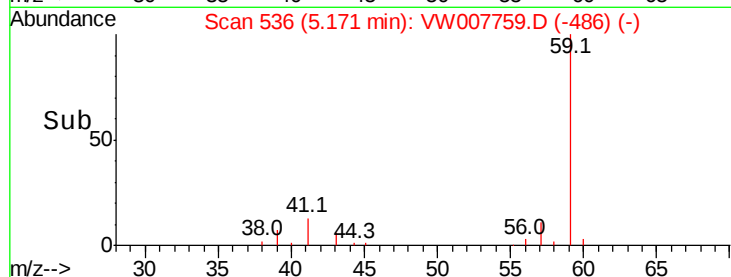
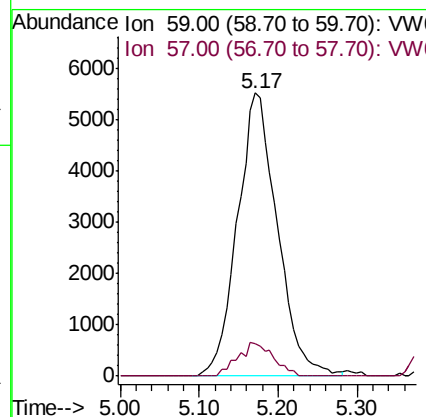
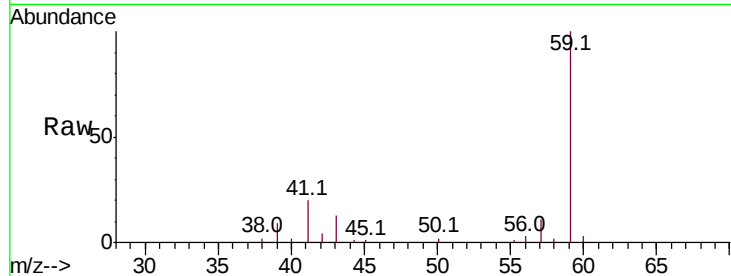


#11

Tert butyl alcohol
 Concen: 367.704 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :

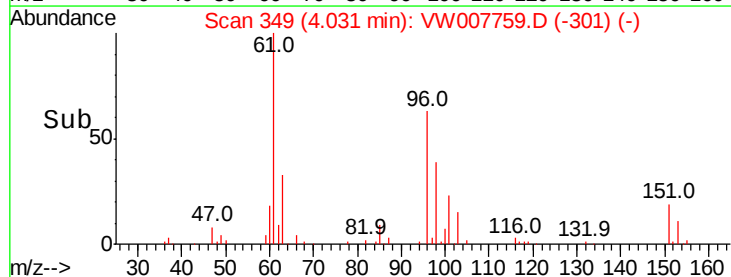
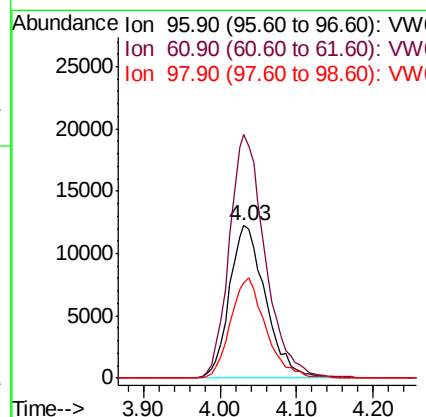
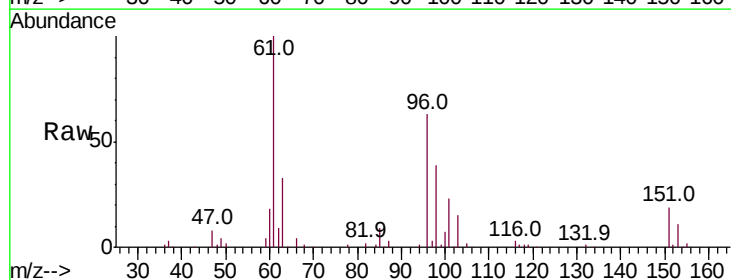
Tot Ion: 59 Resp: 19459
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.8 11.8

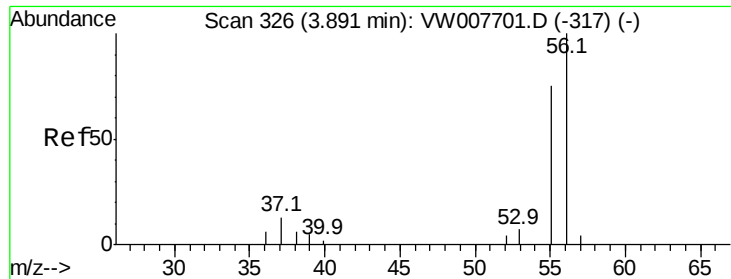


#12

1,1-Dichloroethene
 Concen: 56.648 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 96 Resp: 40003
 Ion Ratio Lower Upper
 96 100
 61 160.0 130.6 195.8
 98 62.5 52.3 78.5





#13

Acrolein

Concen: 247.041 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

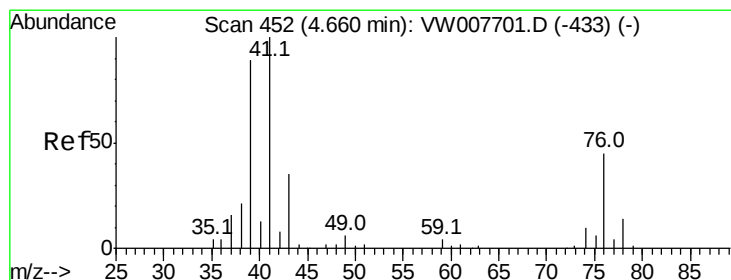
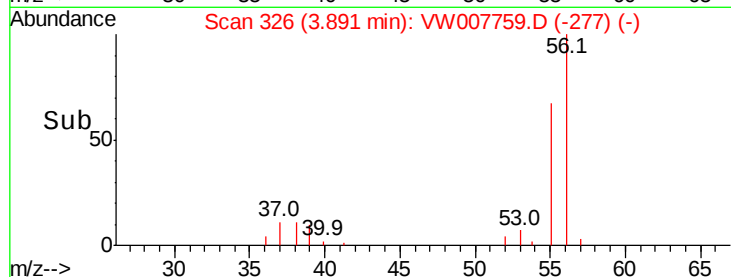
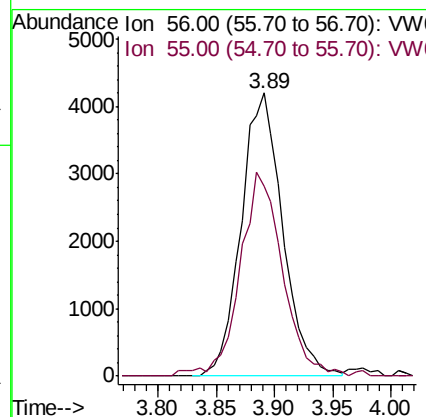
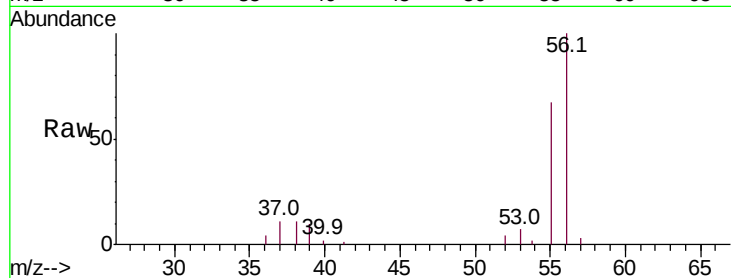
ClientSampled :

Tot Ion: 56 Resp: 10453

Ion Ratio Lower Upper

56 100

55 73.7 57.7 86.5



#14

Allyl chloride

Concen: 61.588 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

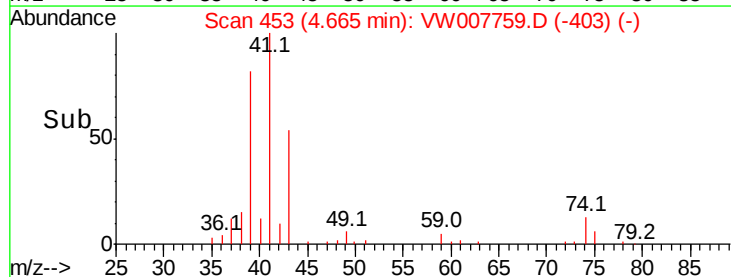
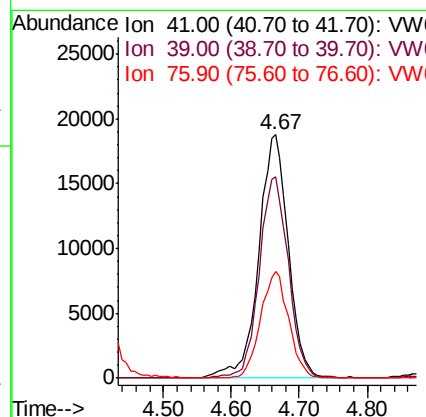
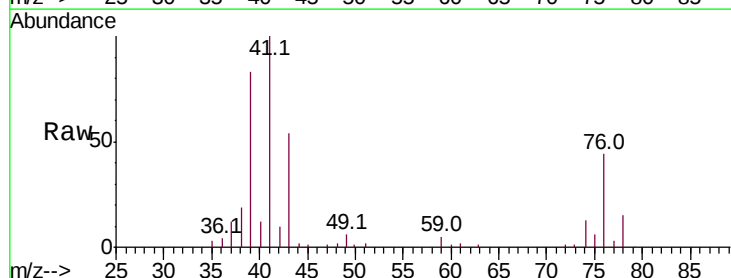
Tgt Ion: 41 Resp: 57034

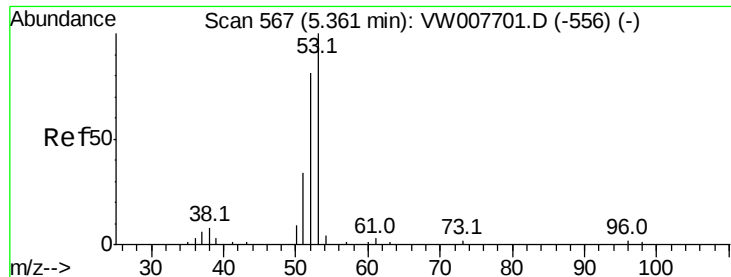
Ion Ratio Lower Upper

41 100

39 81.4 69.5 104.3

76 41.4 34.8 52.2





#15

Acrylonitrile

Concen: 353.007 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampled :

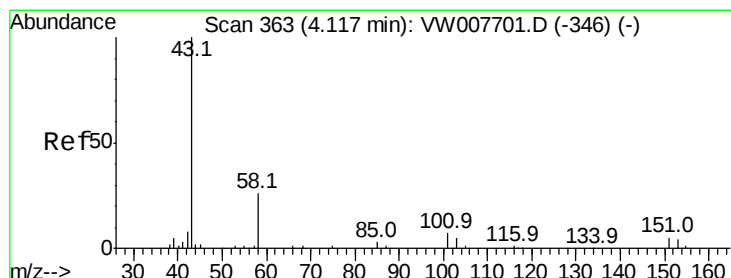
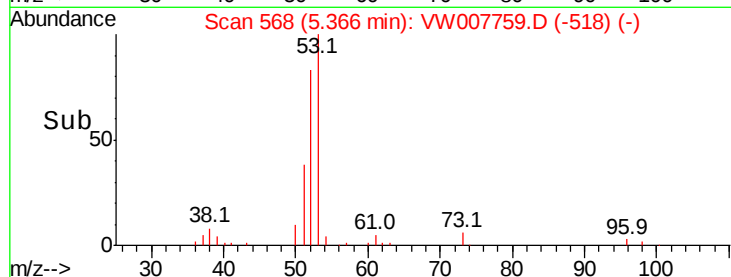
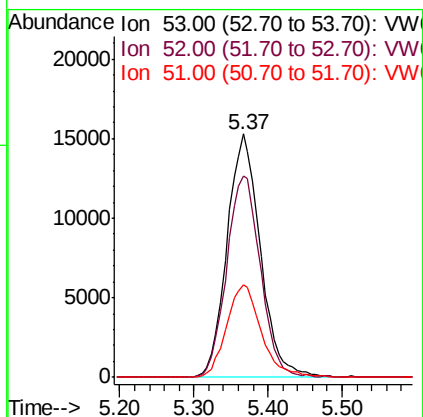
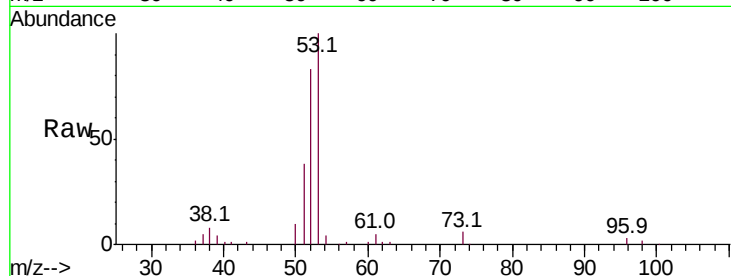
Tot Ion: 53 Resp: 47759

Ion Ratio Lower Upper

53 100

52 83.9 67.0 100.4

51 39.7 30.2 45.2



#16

Acetone

Concen: 372.257 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007759.D

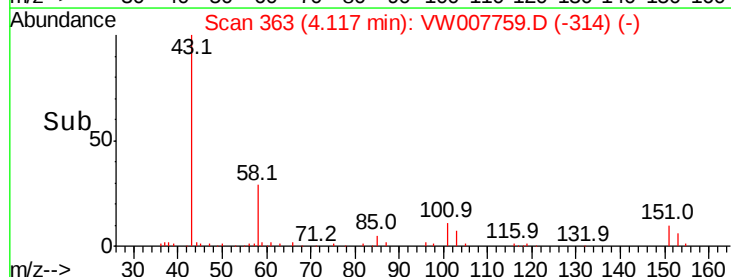
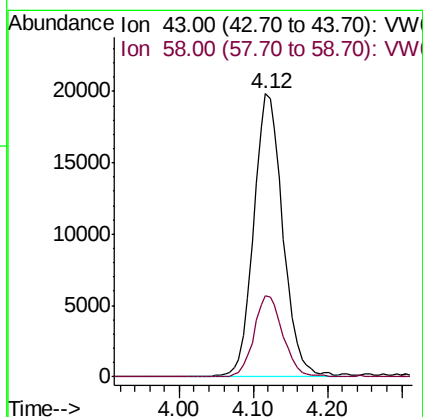
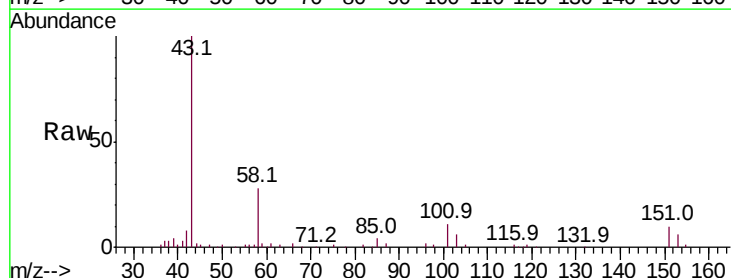
Acq: 20 Dec 2018 20:34

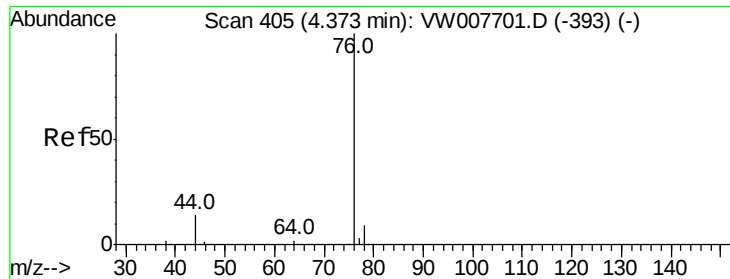
Tgt Ion: 43 Resp: 54686

Ion Ratio Lower Upper

43 100

58 28.5 21.2 31.8

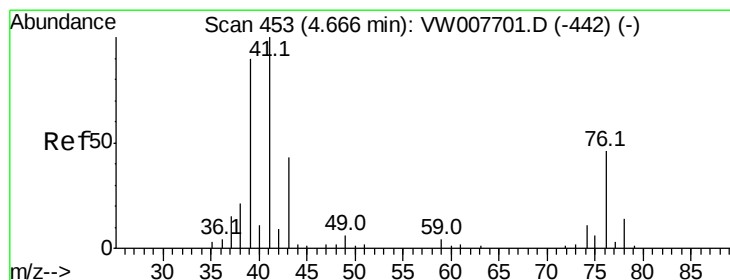
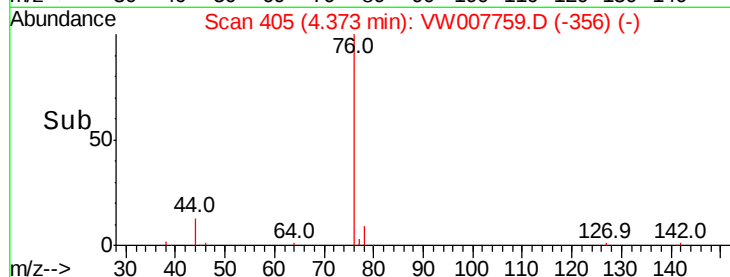
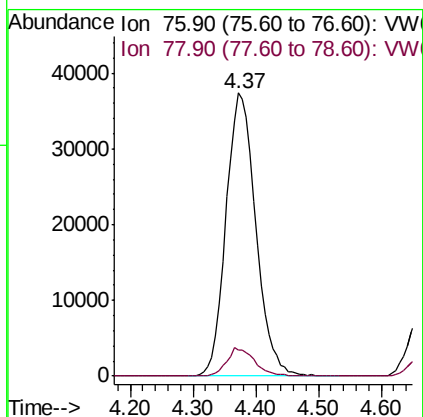
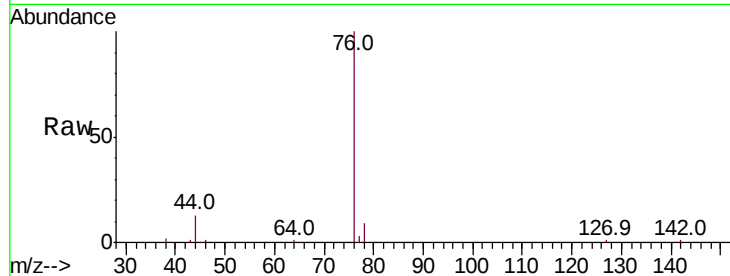




#17
Carbon Disulfide
Concen: 56.122 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

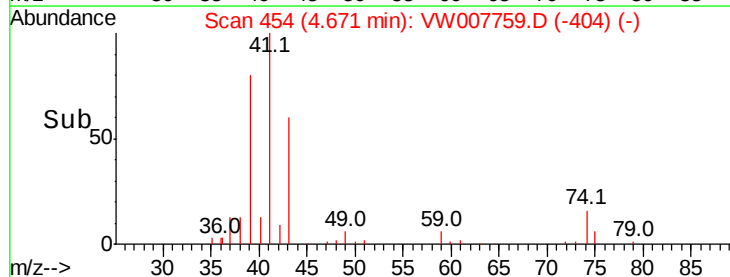
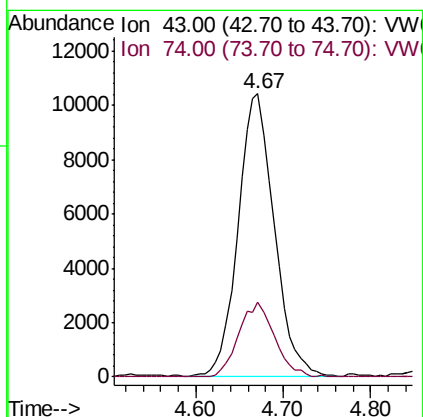
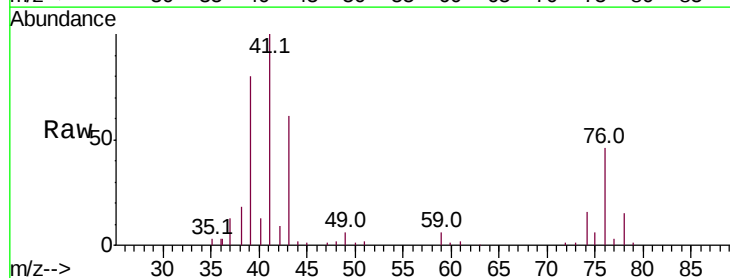
Instrument :
MSVOA_W
ClientSampleId :

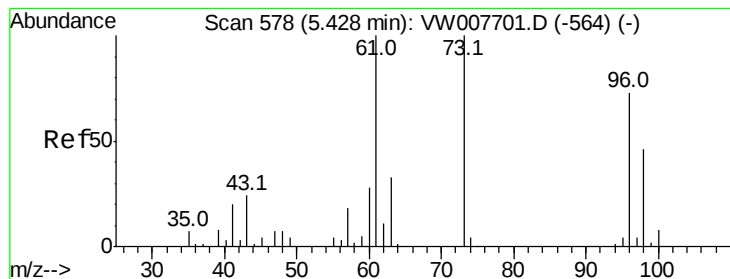
Tot Ion: 76 Resp: 122643
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 86.035 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 43 Resp: 30058
Ion Ratio Lower Upper
43 100
74 25.7 22.7 34.1



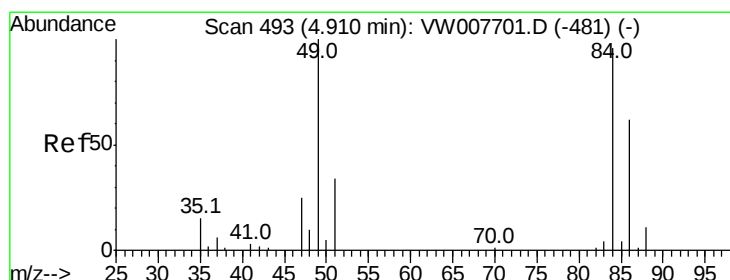
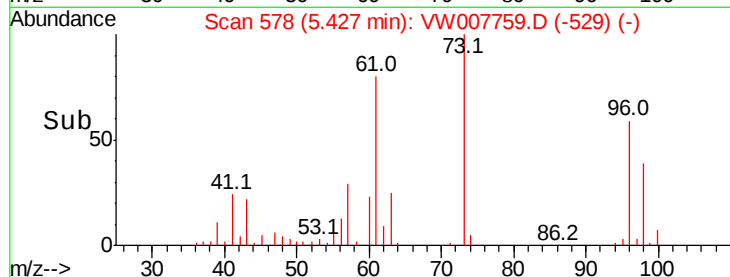
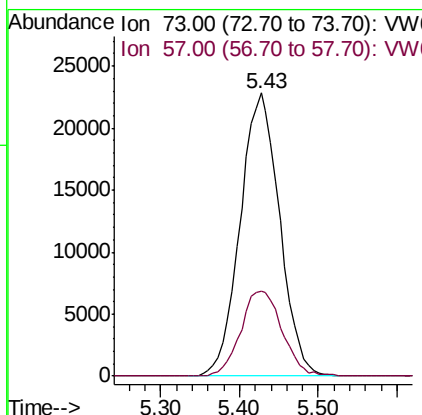
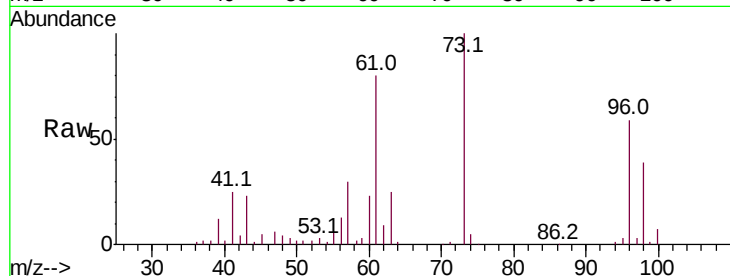


#19

Methyl tert-butyl Ether
 Concen: 78.170 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampled :

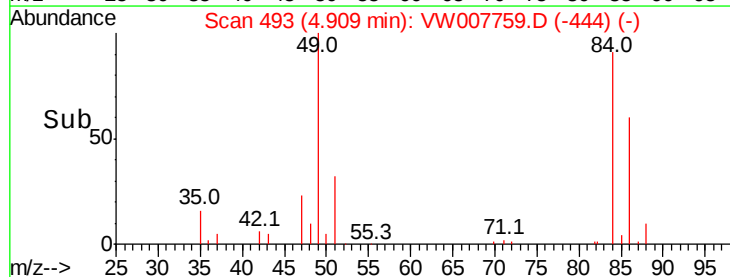
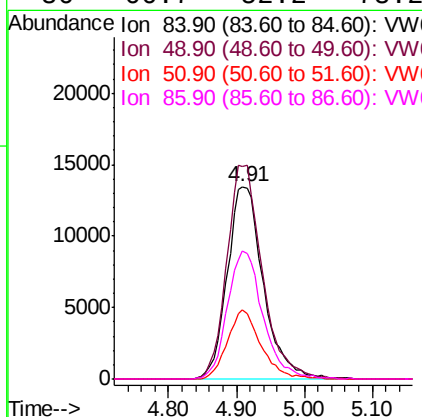
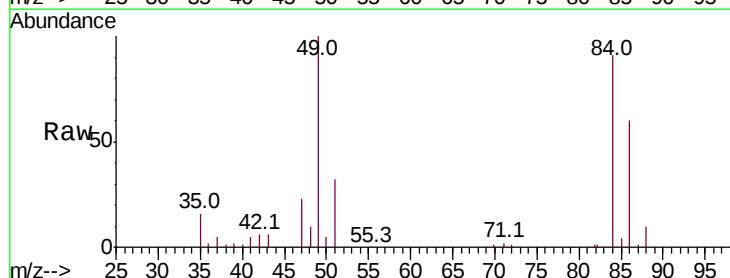
Tot Ion: 73 Resp: 79249
 Ion Ratio Lower Upper
 73 100
 57 29.9 14.7 22.1#

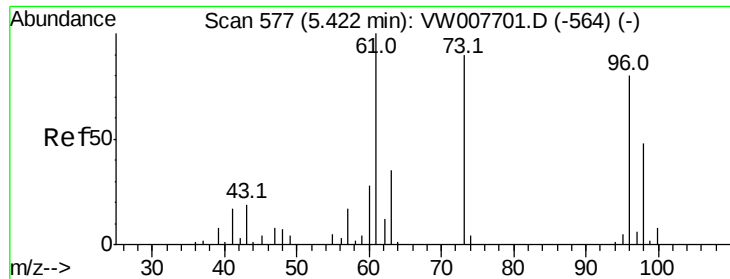


#20

Methylene Chloride
 Concen: 69.916 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 84 Resp: 49519
 Ion Ratio Lower Upper
 84 100
 49 110.3 83.7 125.5
 51 35.7 28.2 42.2
 86 66.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 57.325 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampled :

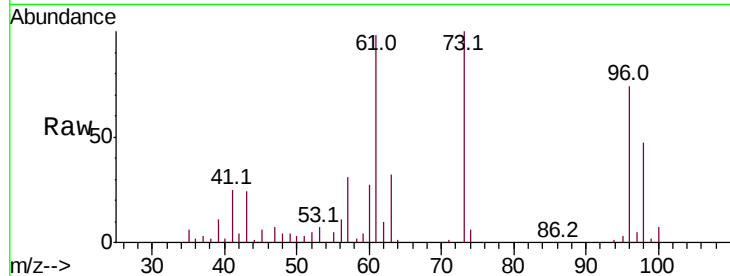
Tot Ion: 96 Resp: 44522

Ion Ratio Lower Upper

96 100

61 131.4 100.1 150.1

98 62.6 48.5 72.7

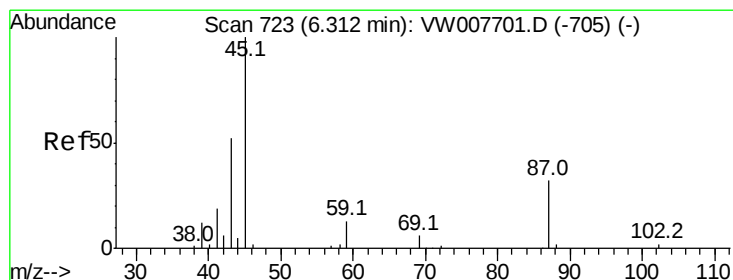
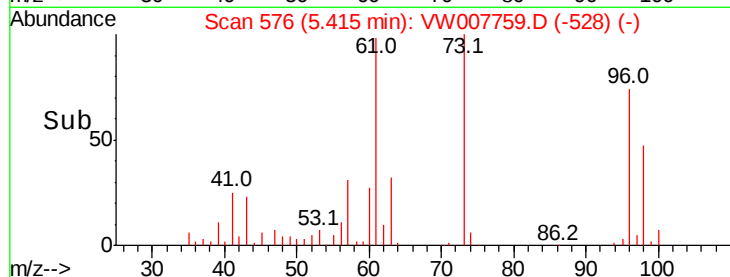
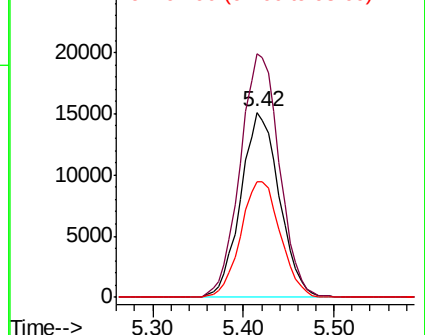


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 66.849 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Tgt Ion: 45 Resp: 115916

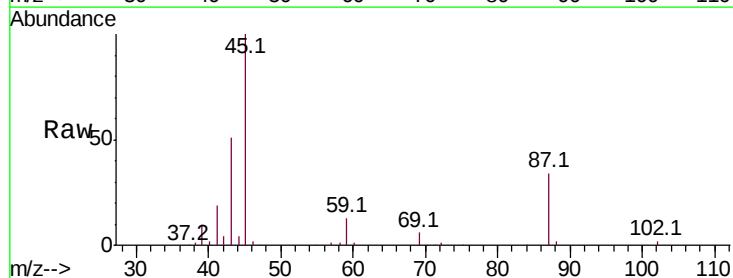
Ion Ratio Lower Upper

45 100

43 50.7 43.7 65.5

87 34.4 26.6 40.0

59 12.5 10.2 15.2



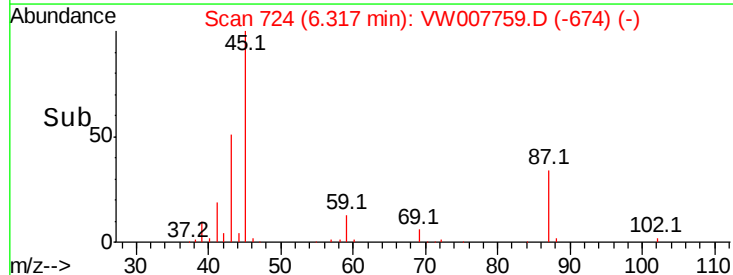
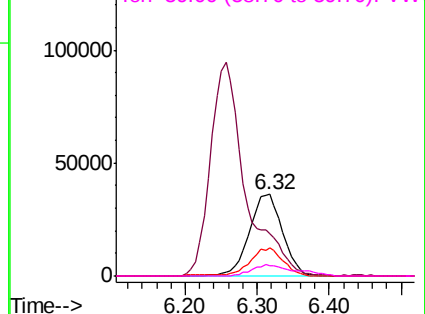
Abundance

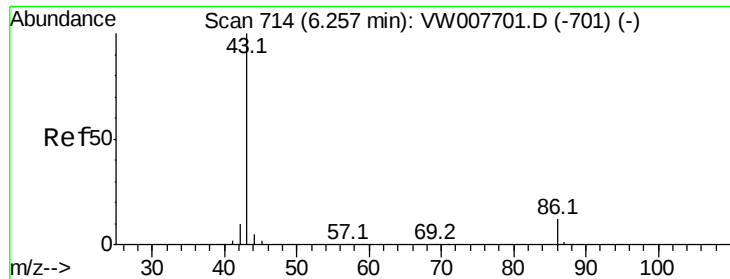
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 311.656 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

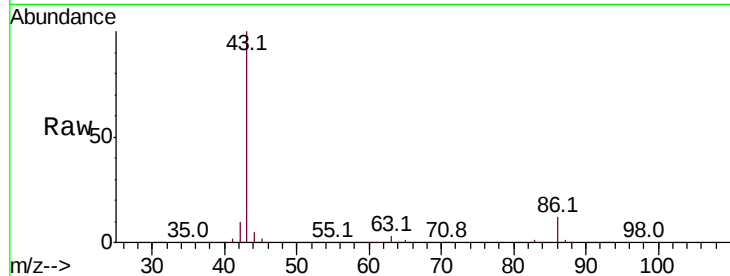
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 321074

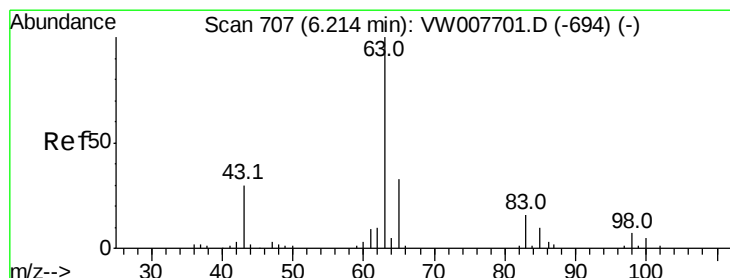
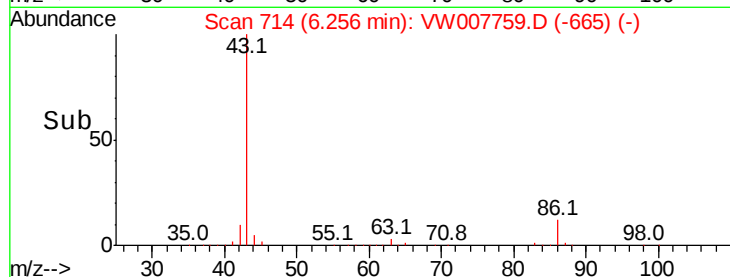
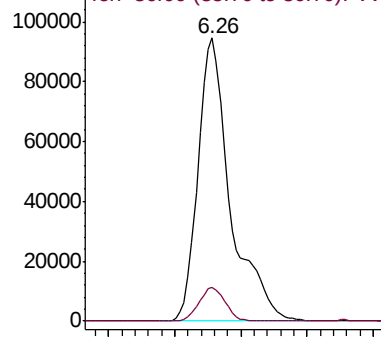
Ion Ratio Lower Upper

43 100

86 12.1 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 59.869 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

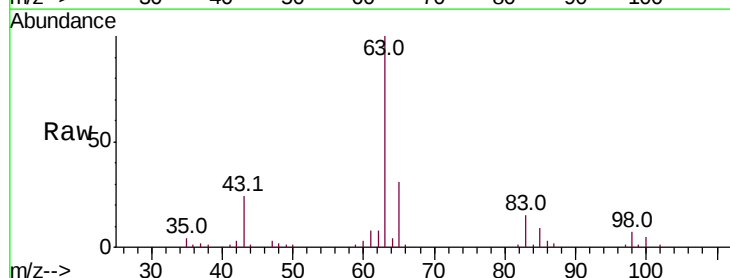
Tgt Ion: 63 Resp: 76371

Ion Ratio Lower Upper

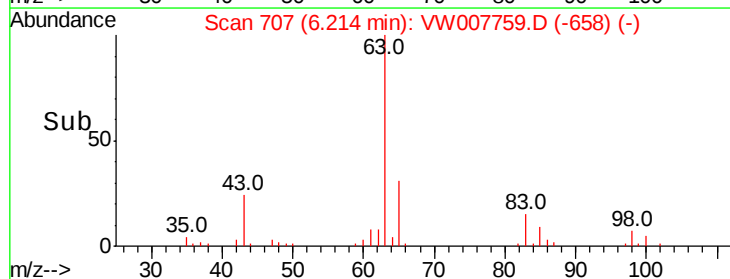
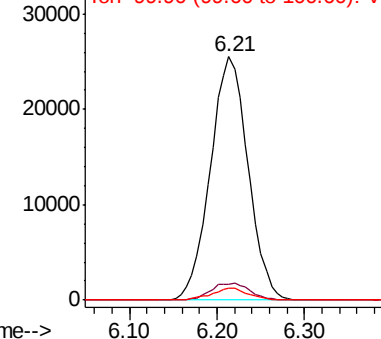
63 100

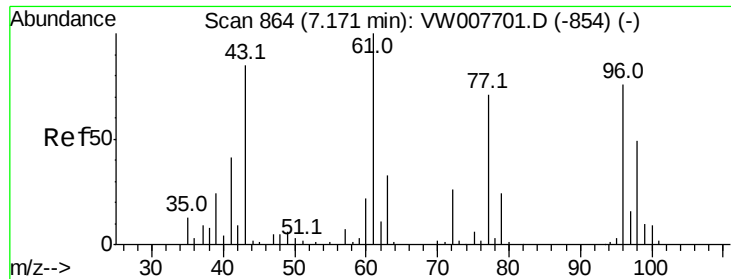
98 6.6 3.6 10.9

100 4.7 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 364.467 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

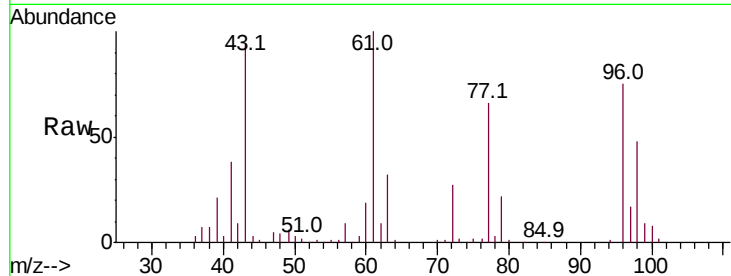
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 62713

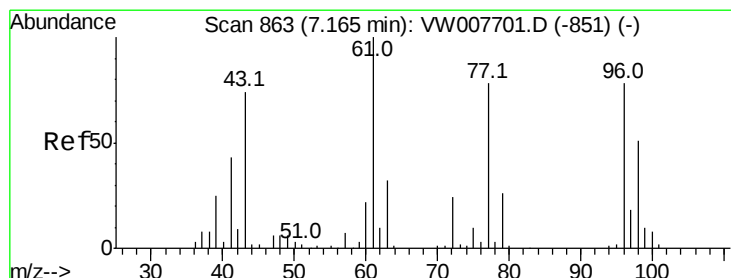
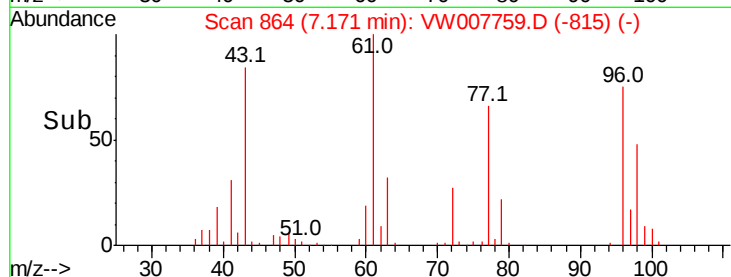
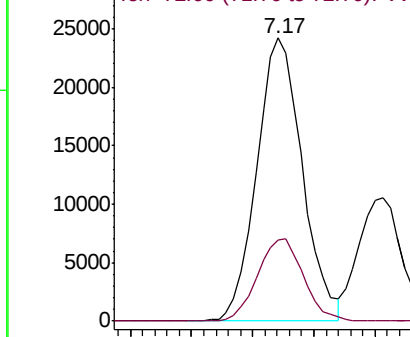
Ion Ratio Lower Upper

43 100

72 28.7 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 56.522 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007759.D

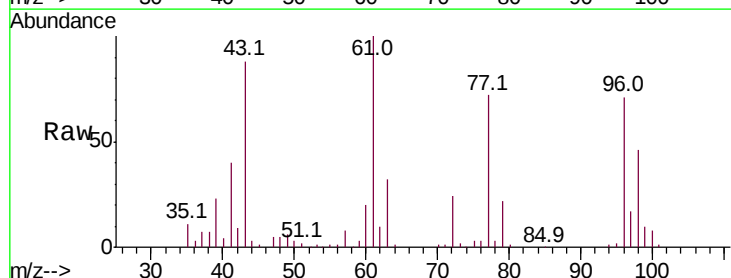
Acq: 20 Dec 2018 20:34

Tgt Ion: 77 Resp: 52761

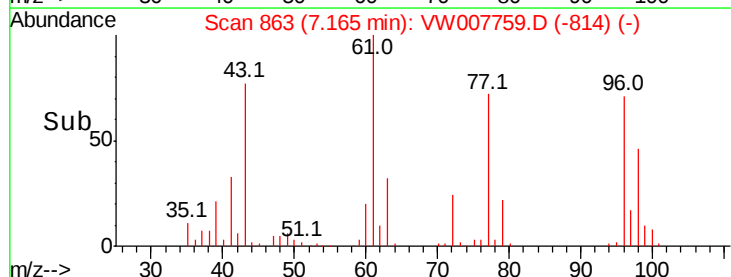
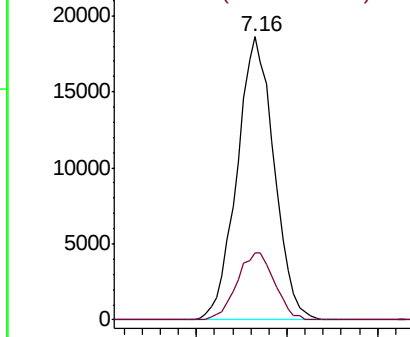
Ion Ratio Lower Upper

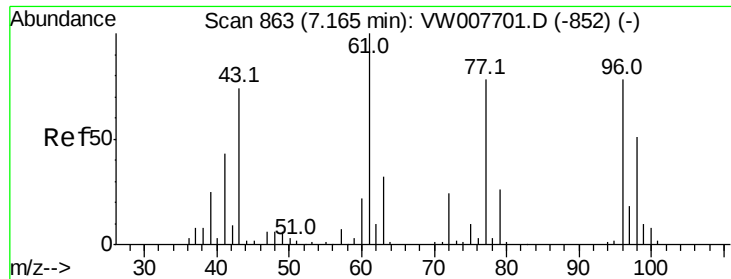
77 100

97 24.0 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW



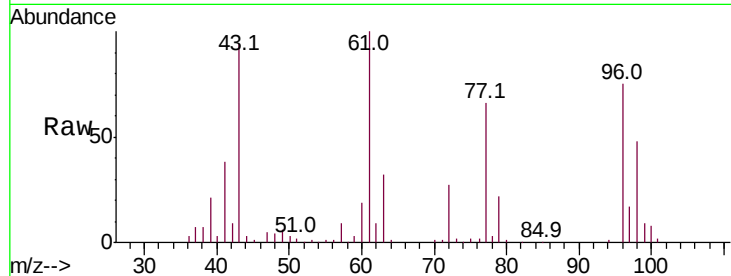


#27

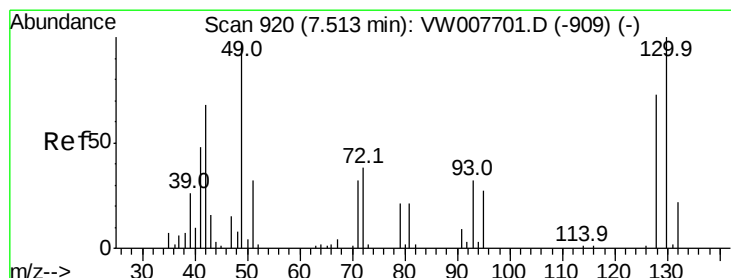
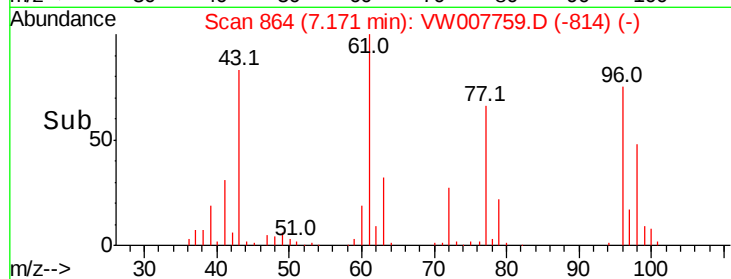
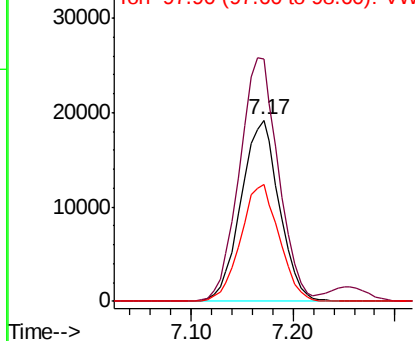
cis-1,2-Dichloroethene
 Concen: 60.428 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 96 Resp: 50001
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 271.6
 98 64.7 0.0 131.2



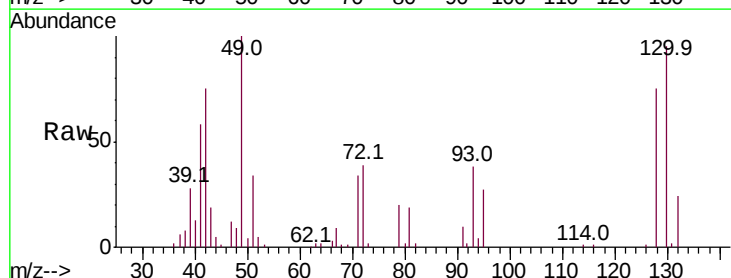
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



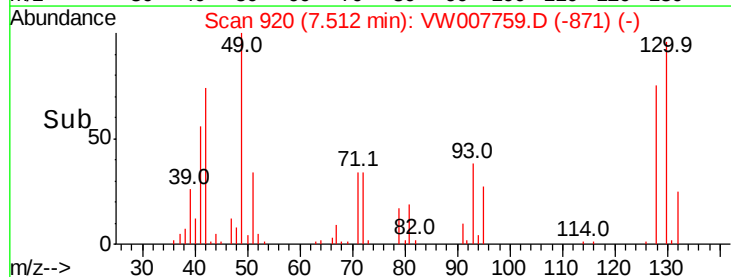
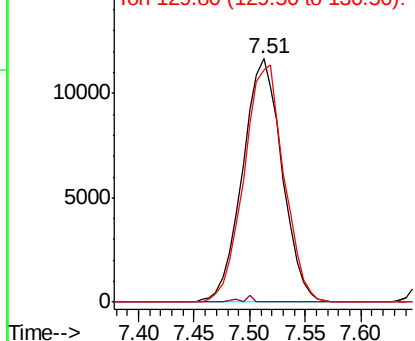
#28

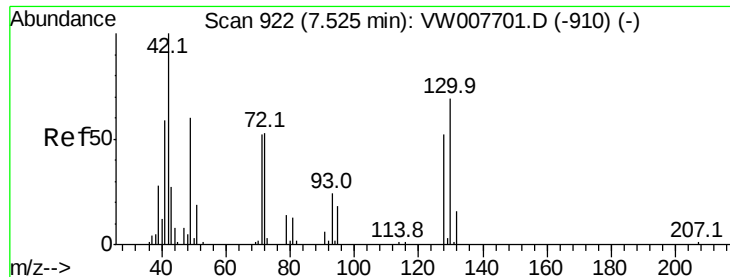
Bromochloromethane
 Concen: 66.167 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 49 Resp: 28778
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 2.2
 130 98.7 81.5 122.3



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

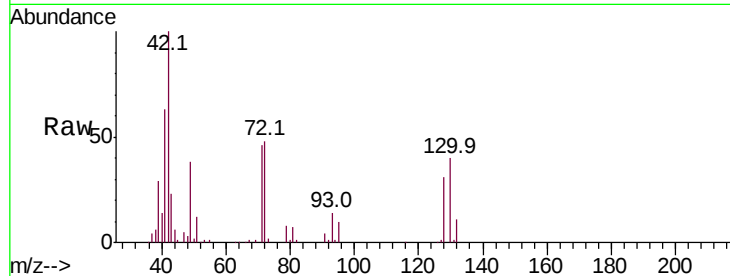




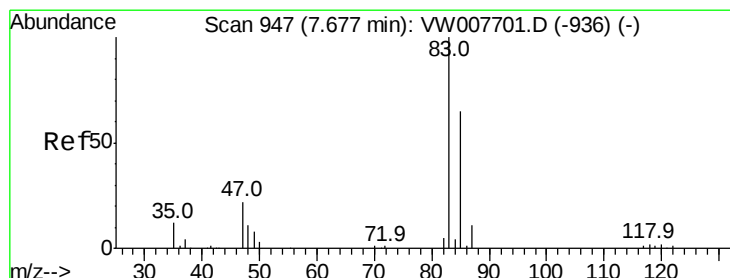
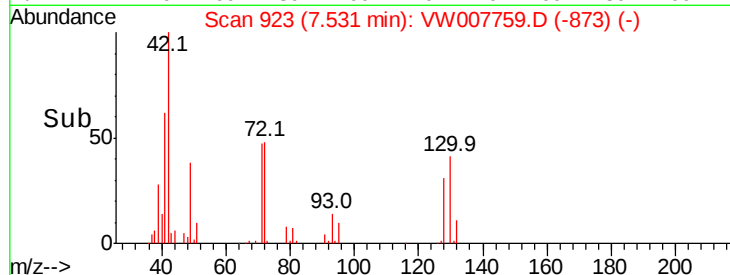
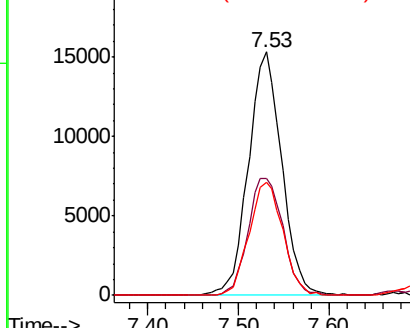
#29
Tetrahydrofuran
Concen: 380.209 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 39023
Ion Ratio Lower Upper
42 100
72 50.2 41.7 62.5
71 47.1 39.0 58.6

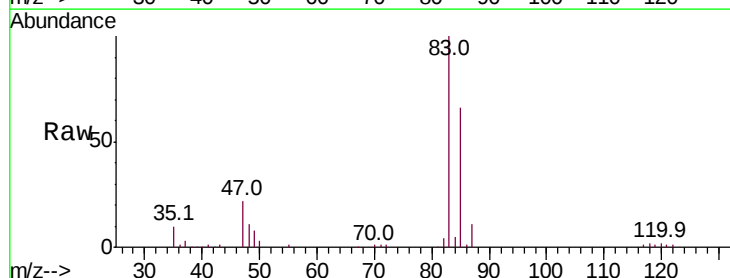


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

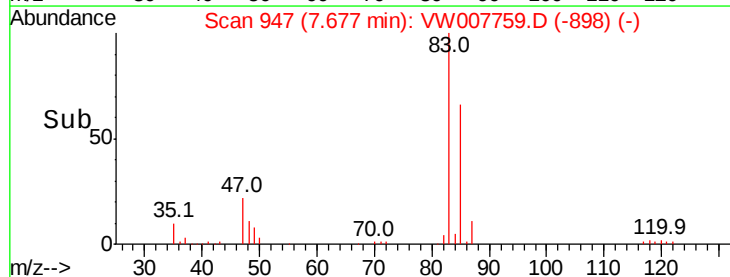
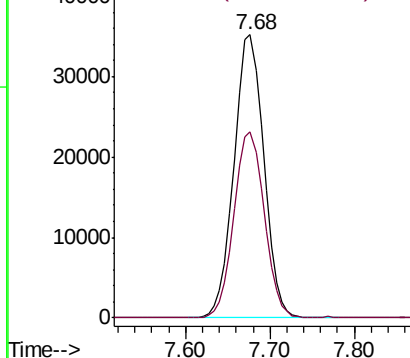


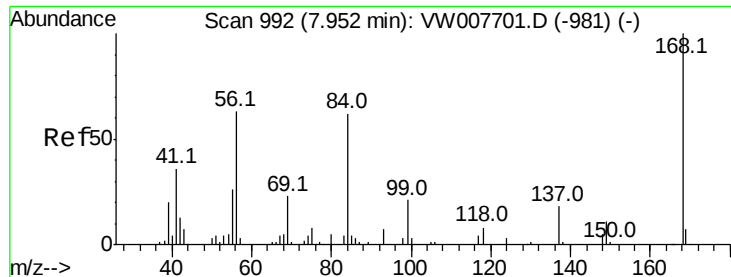
#30
Chloroform
Concen: 58.487 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 83 Resp: 84433
Ion Ratio Lower Upper
83 100
85 65.8 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

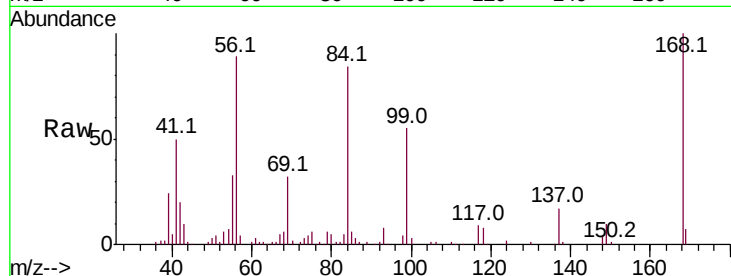




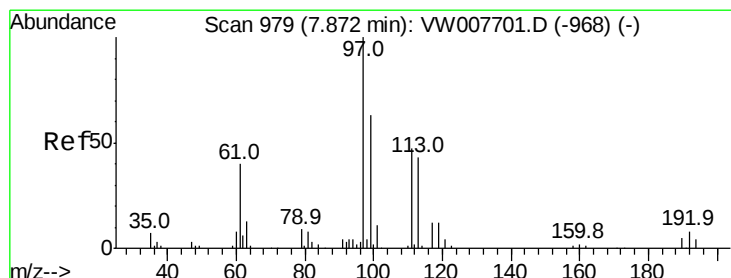
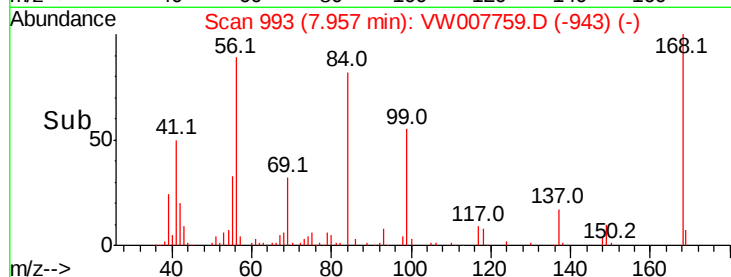
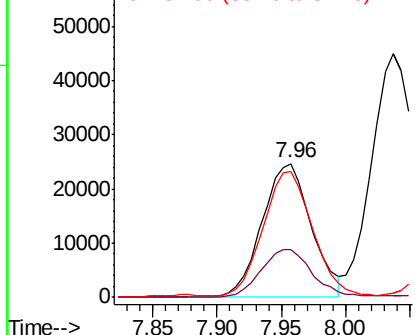
#31
Cyclohexane
Concen: 56.141 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 65562
Ion Ratio Lower Upper
56 100
69 35.4 29.7 44.5
84 92.3 78.9 118.3

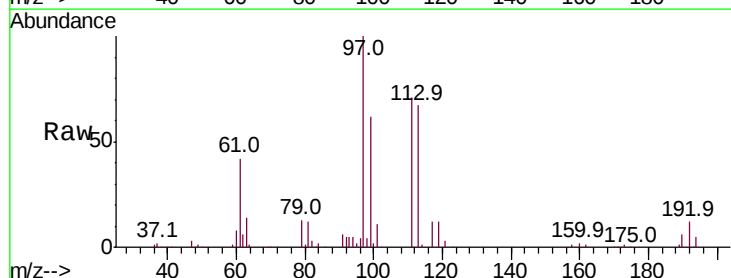


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

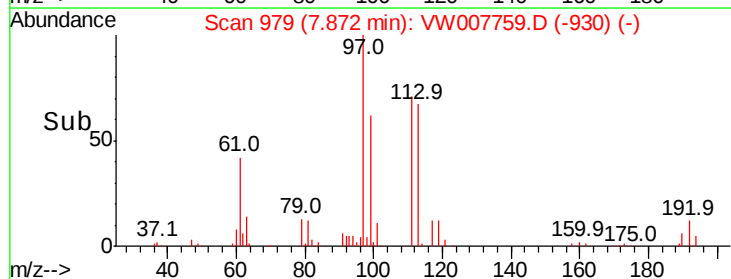
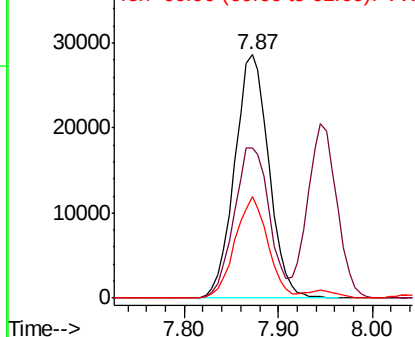


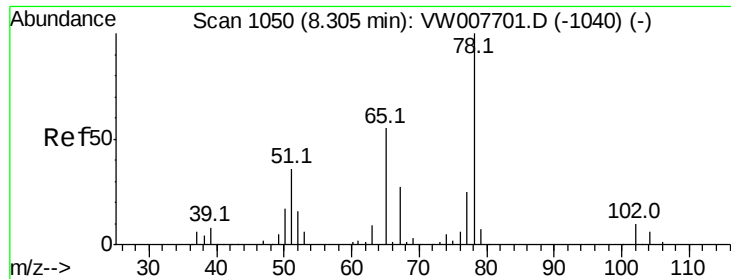
#32
1,1,1-Trichloroethane
Concen: 55.197 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 97 Resp: 72572
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 40.1 32.3 48.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

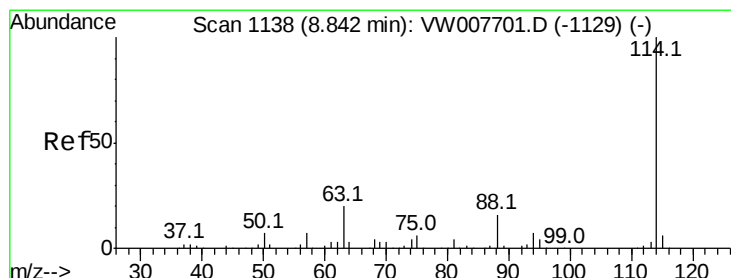
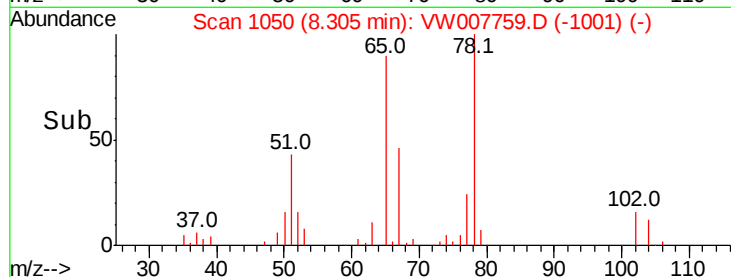
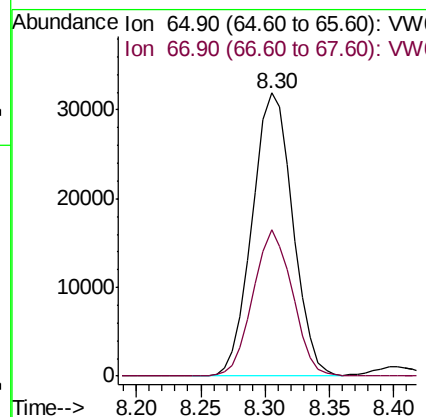
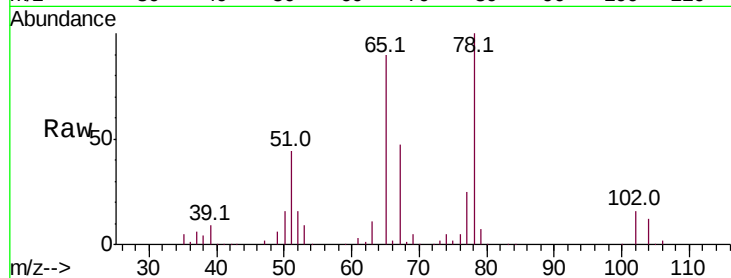




#33
 1,2-Dichloroethane-d4
 Concen: 88.876 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

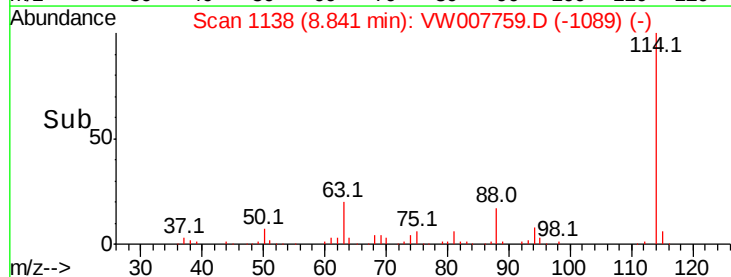
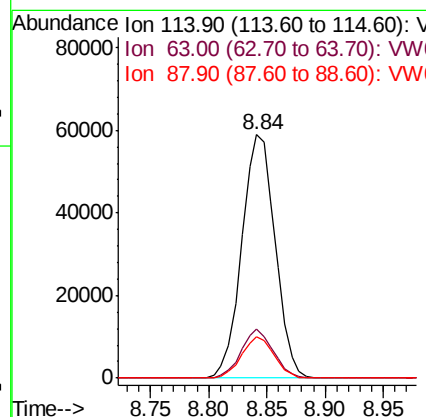
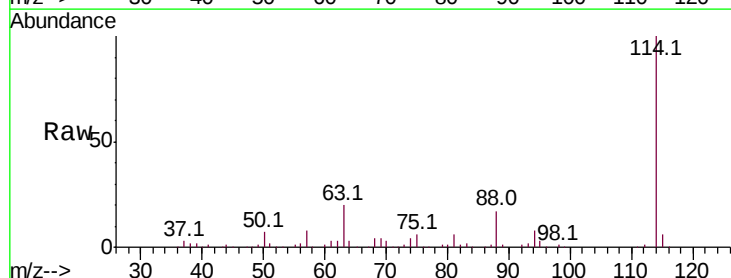
Instrument :
 MSVOA_W
 ClientSampleId :

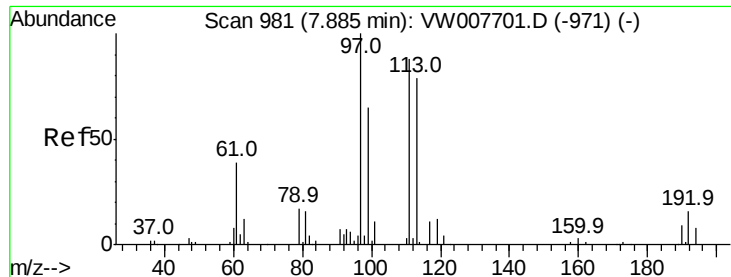
Tot Ion: 65 Resp: 69723
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 114 Resp: 117773
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 16.8 0.0 32.6

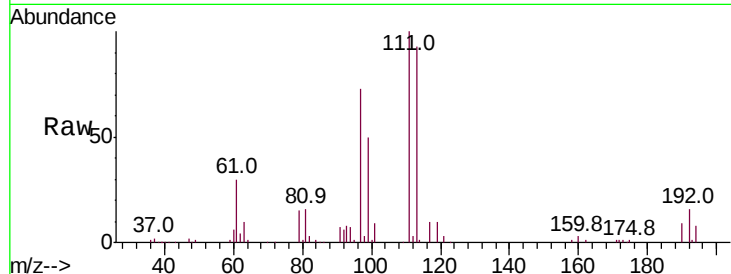




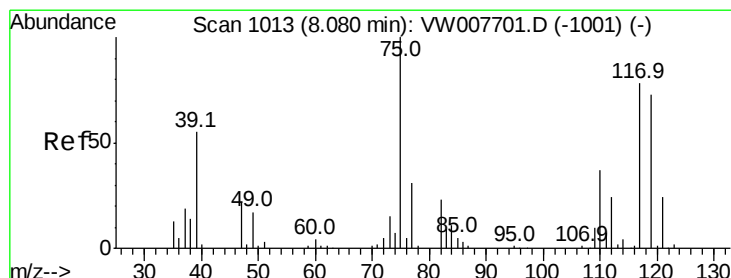
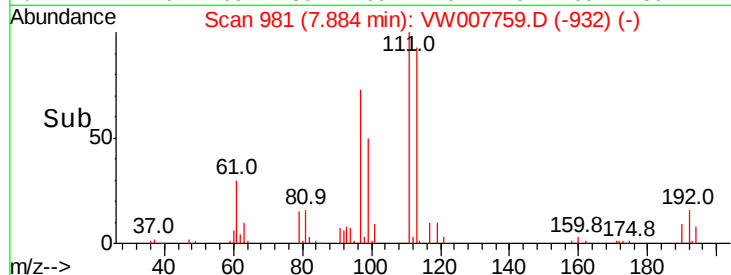
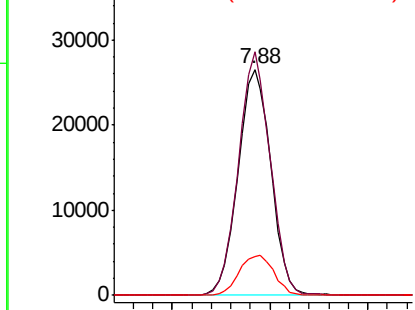
#35
 Dibromofluoromethane
 Concen: 86.183 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 61920
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.6 124.0
 192 18.6 15.5 23.3

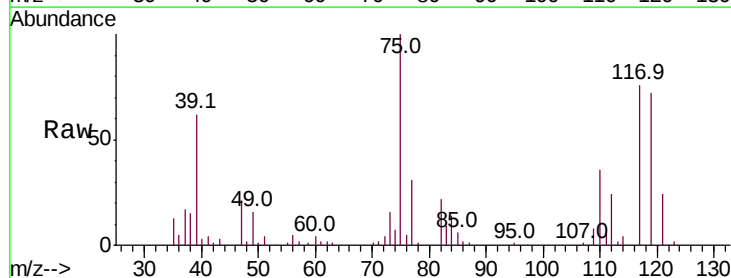


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

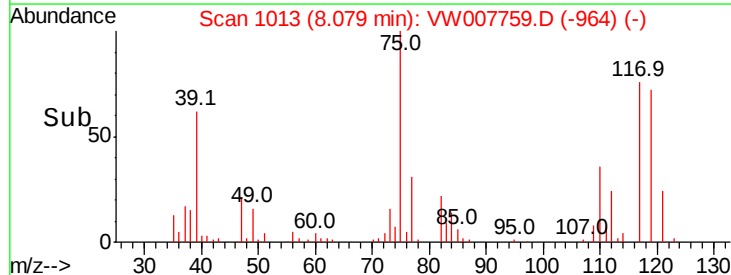
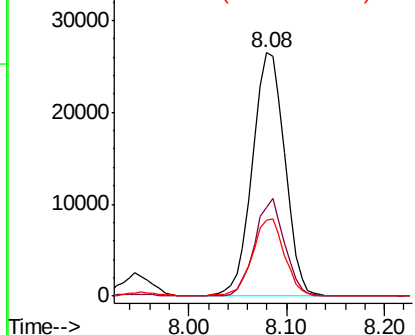


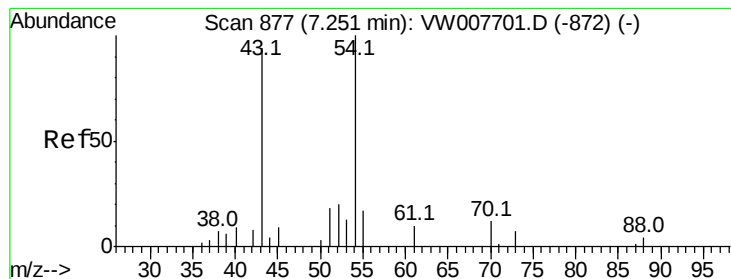
#36
 1,1-Dichloropropene
 Concen: 53.803 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 75 Resp: 61159
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.6 55.8
 77 31.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 68.942 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampled :

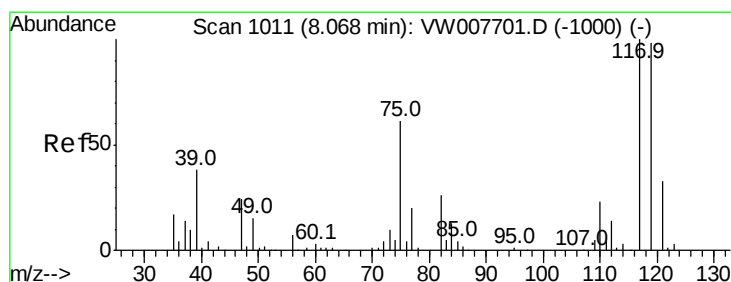
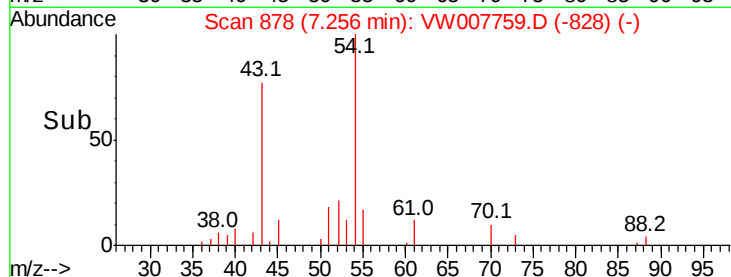
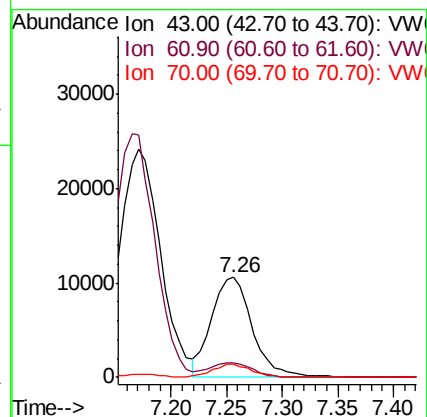
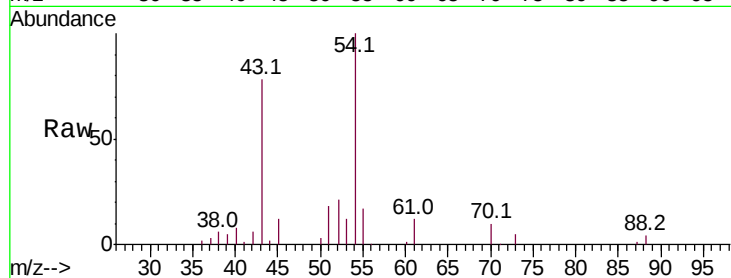
Tot Ion: 43 Resp: 27046

Ion Ratio Lower Upper

43 100

61 15.7 11.2 16.8

70 12.3 9.3 13.9



#38

Carbon Tetrachloride

Concen: 48.369 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

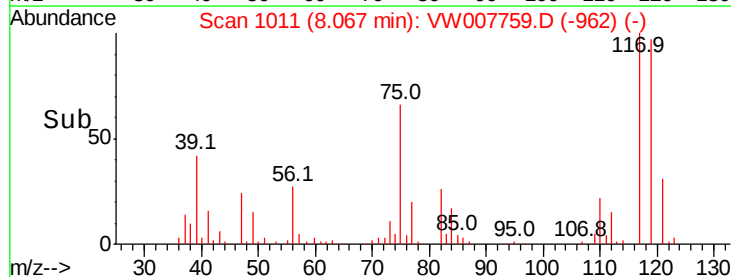
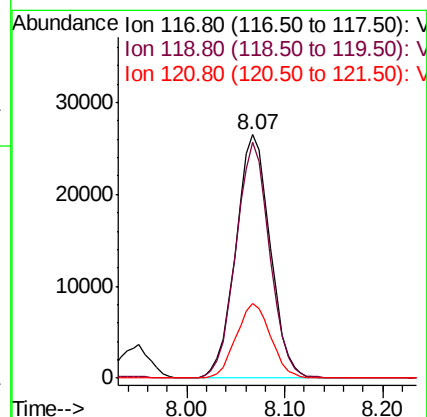
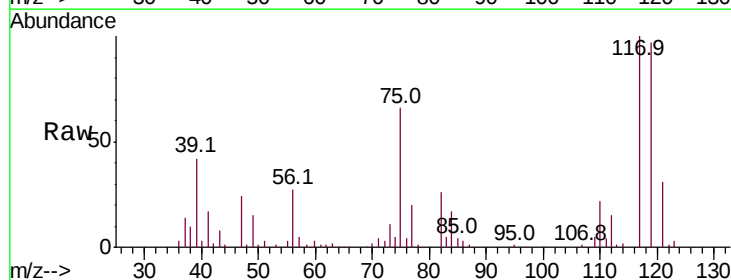
Tgt Ion: 117 Resp: 64752

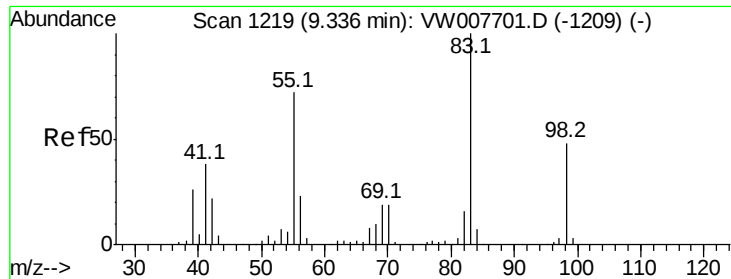
Ion Ratio Lower Upper

117 100

119 96.6 78.2 117.2

121 30.8 26.1 39.1

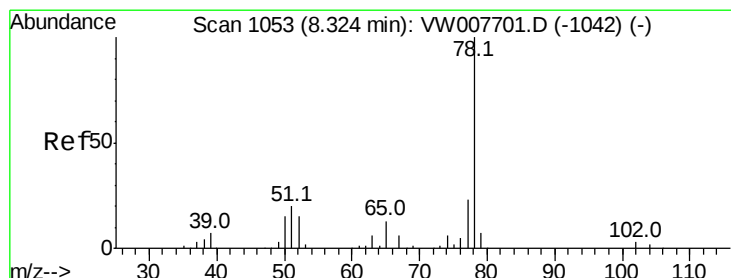
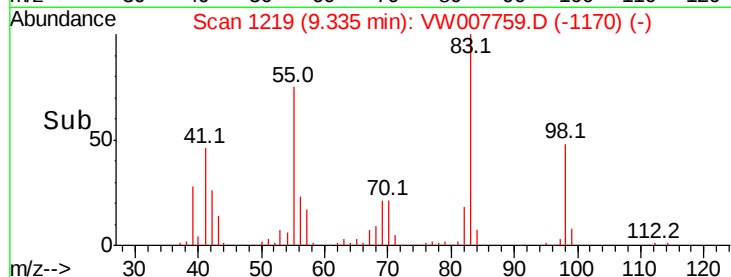
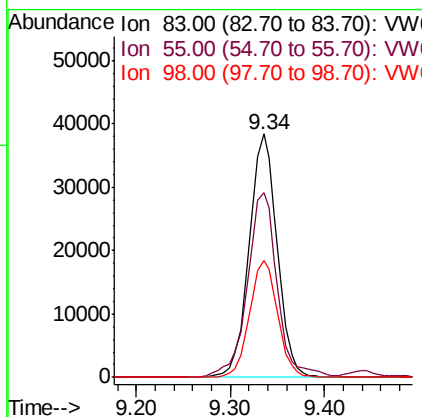
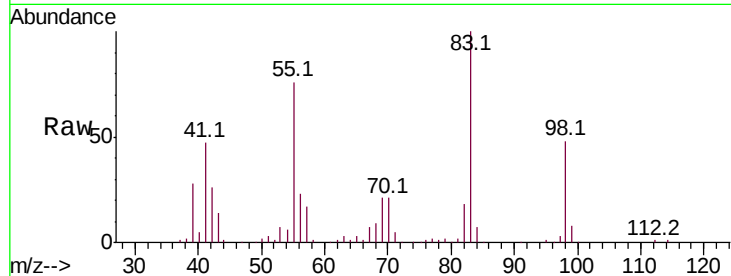




#39
Methvlcvclohexane
Concen: 57.014 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

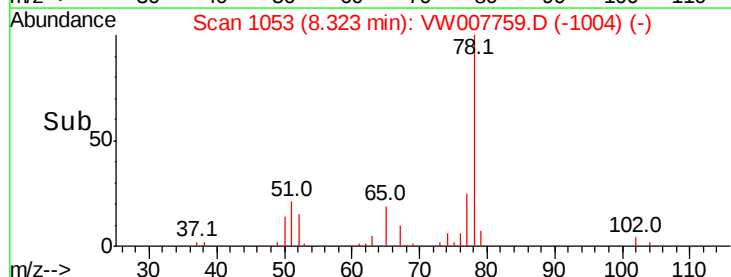
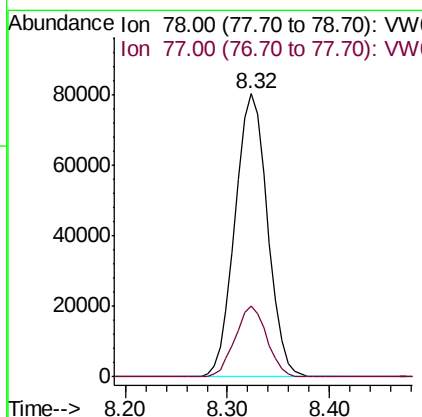
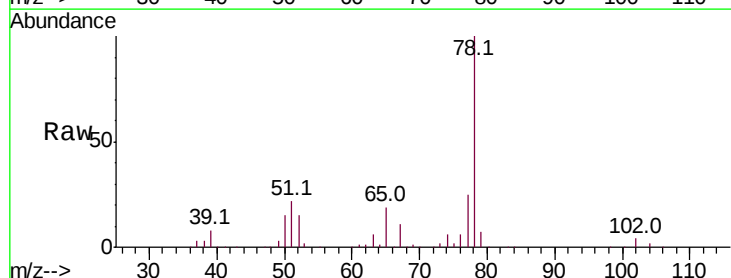
Instrument :
MSVOA_W
ClientSampled :

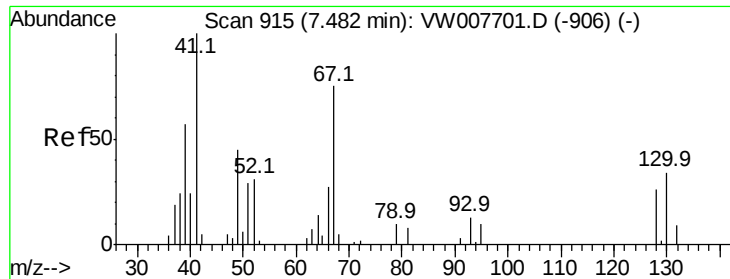
Tot Ion: 83 Resp: 80532
Ion Ratio Lower Upper
83 100
55 75.6 57.2 85.8
98 48.0 38.6 58.0



#40
Benzene
Concen: 58.368 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 78 Resp: 177049
Ion Ratio Lower Upper
78 100
77 24.8 18.7 28.1

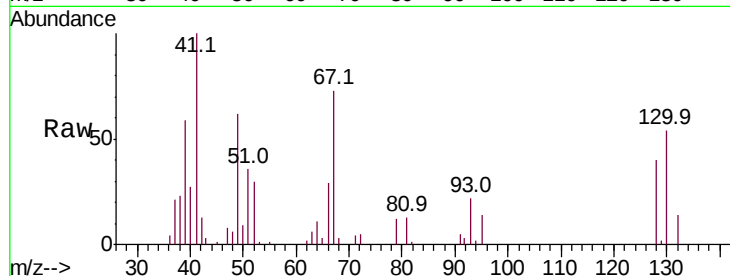




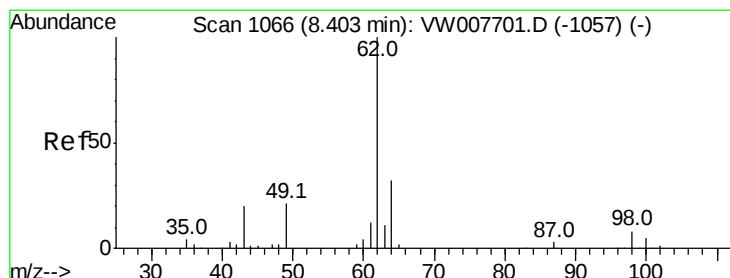
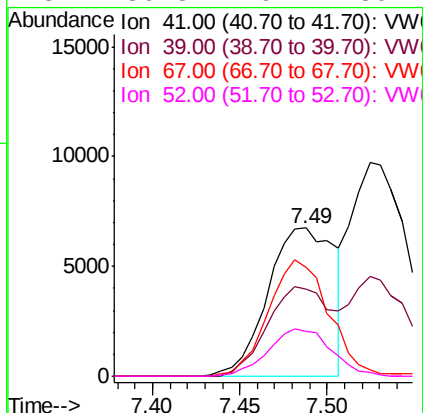
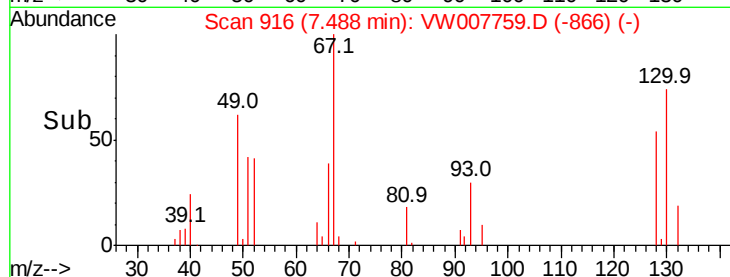
#41
Methacrylonitrile
Concen: 80.789 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 17994
Ion Ratio Lower Upper
41 100
39 57.9 54.2 81.4
67 71.7 65.7 98.5
52 30.3 26.2 39.4

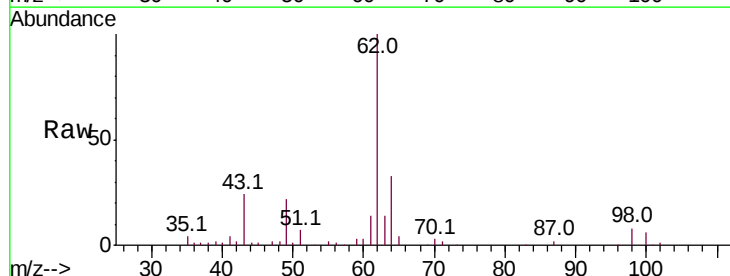


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

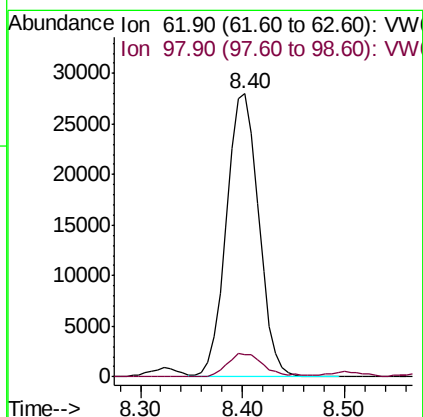
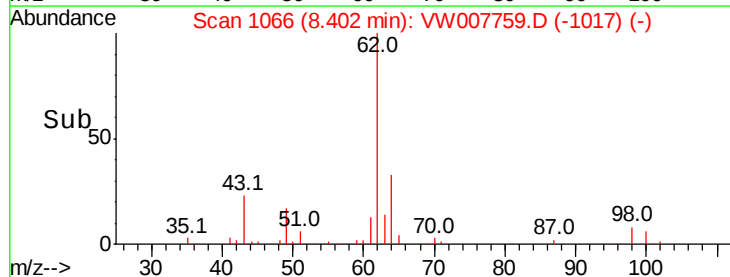


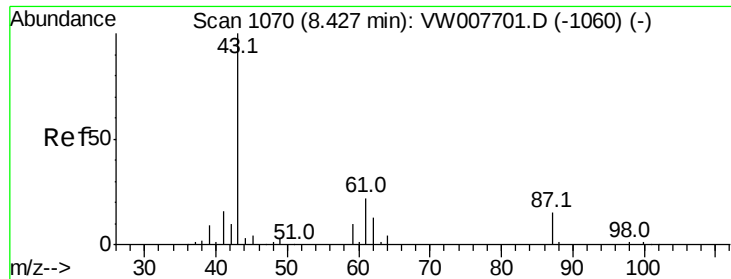
#42
1,2-Dichloroethane
Concen: 60.429 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 62 Resp: 61428
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 78.413 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

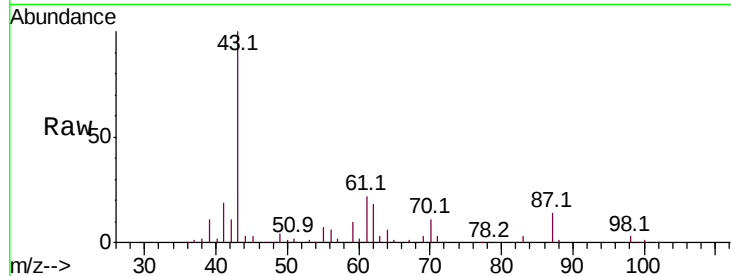
Tot Ion: 43 Resp: 61629

Ion Ratio Lower Upper

43 100

61 28.3 26.3 39.5

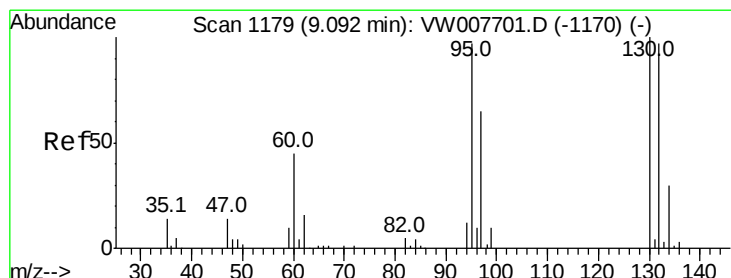
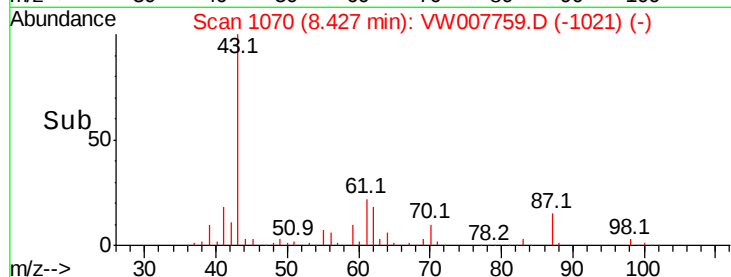
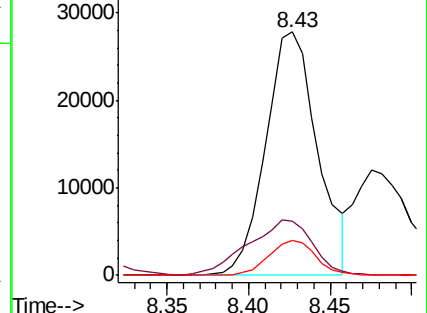
87 13.1 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 54.882 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007759.D

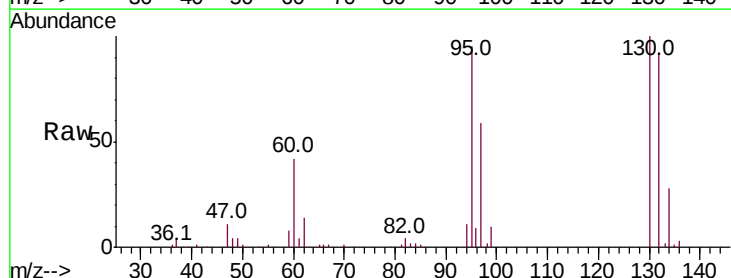
Acq: 20 Dec 2018 20:34

Tgt Ion:130 Resp: 50344

Ion Ratio Lower Upper

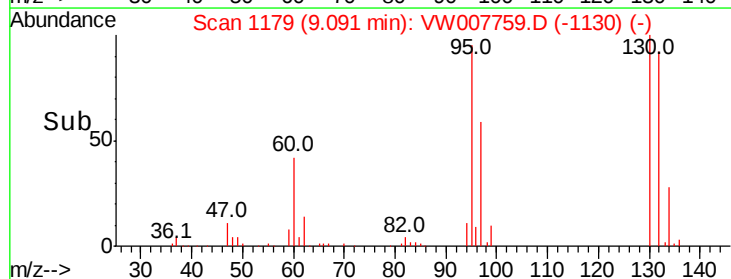
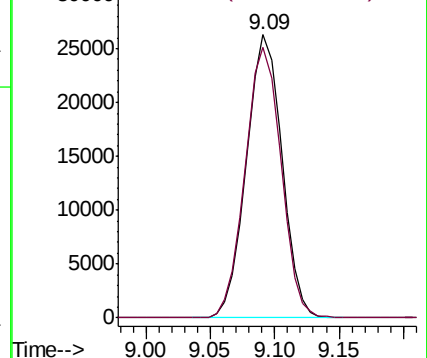
130 100

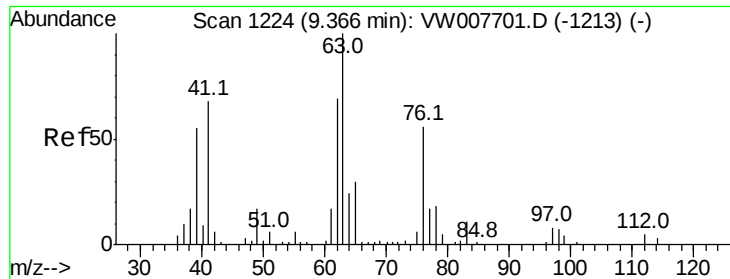
95 95.5 0.0 194.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 61.624 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

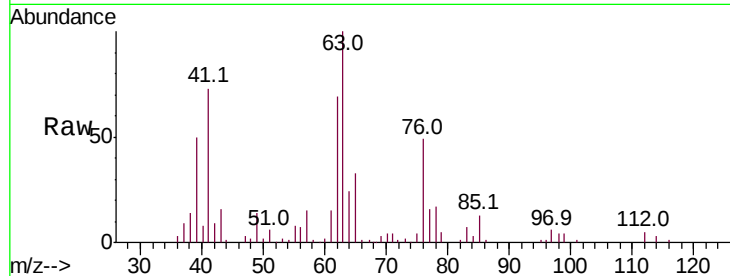
ClientSampled :

Tot Ion: 63 Resp: 41477

Ion Ratio Lower Upper

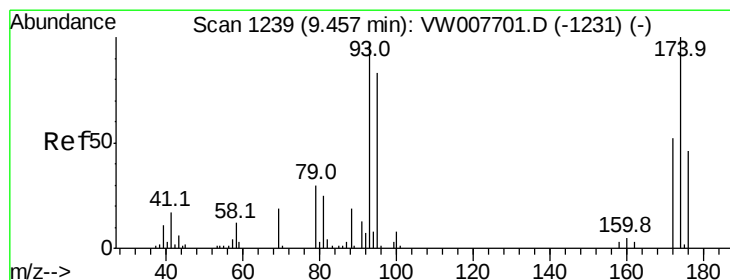
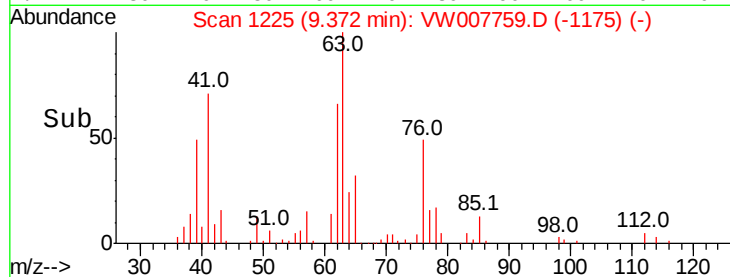
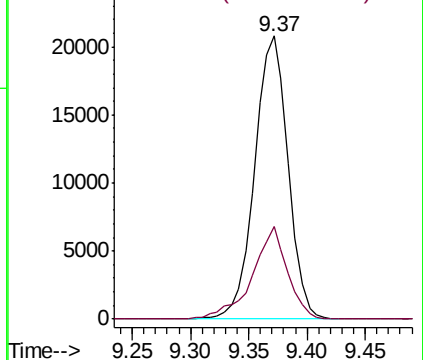
63 100

65 32.8 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 59.749 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

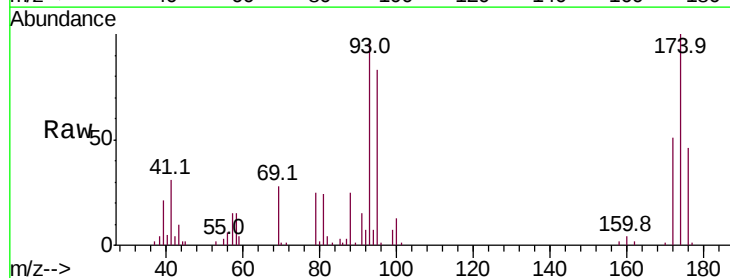
Tgt Ion: 93 Resp: 24755

Ion Ratio Lower Upper

93 100

95 86.9 67.5 101.3

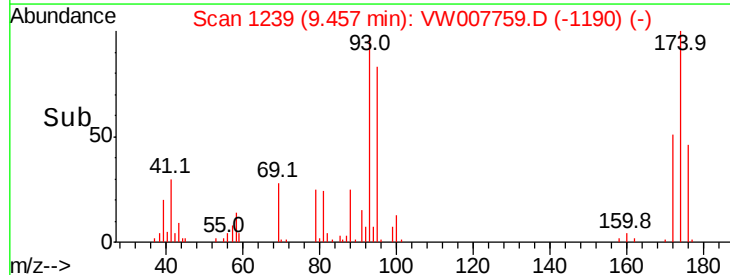
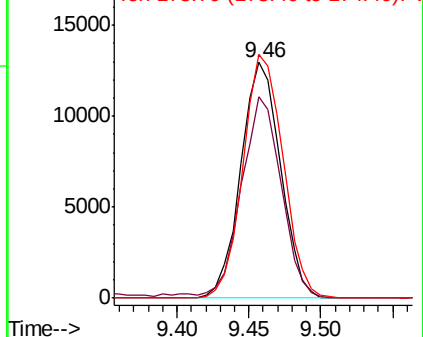
174 104.3 83.9 125.9

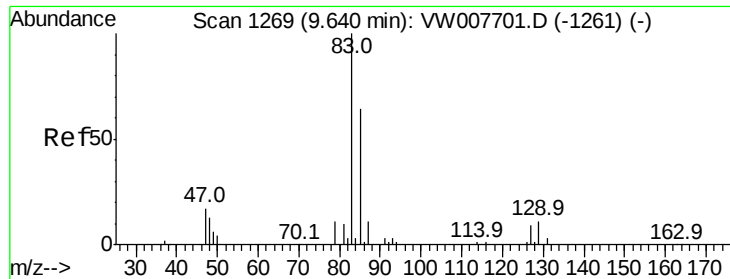


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.283 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

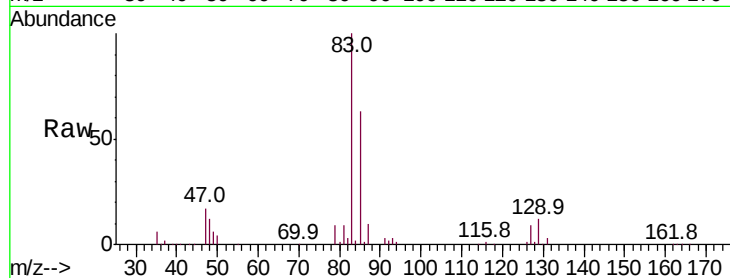
Tot Ion: 83 Resp: 62394

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.0

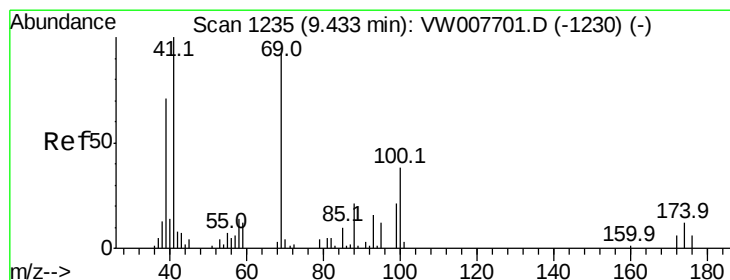
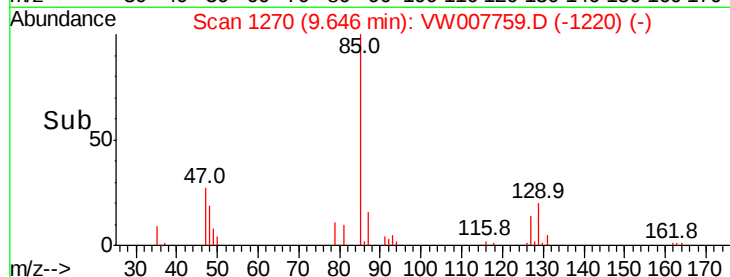
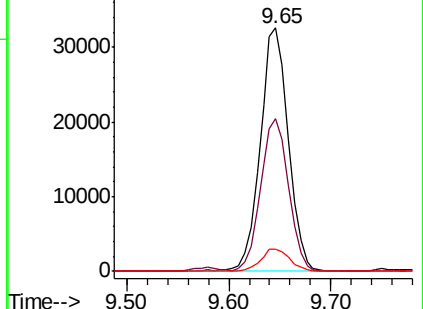
127 9.0 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 65.935 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

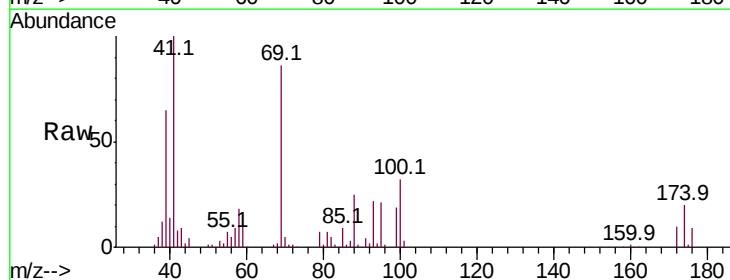
Tgt Ion: 41 Resp: 25867

Ion Ratio Lower Upper

41 100

69 99.2 74.2 111.2

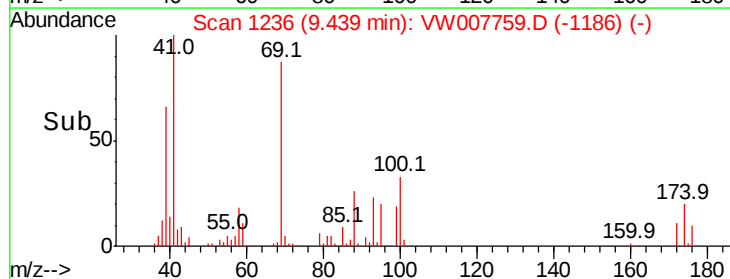
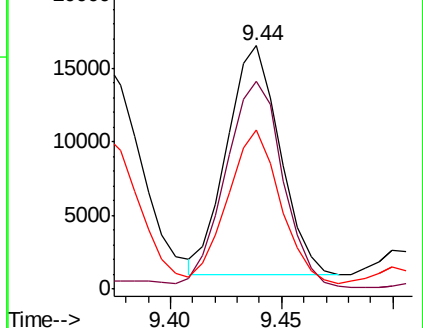
39 71.9 53.9 80.9

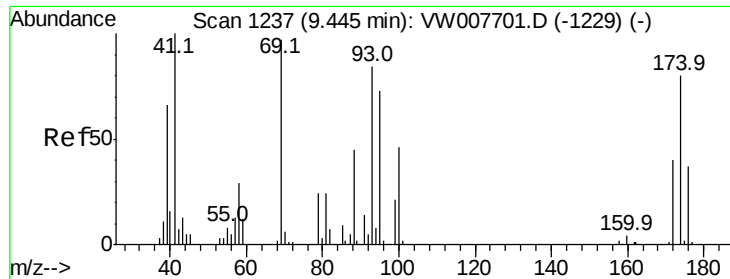


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1425.514 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampled :

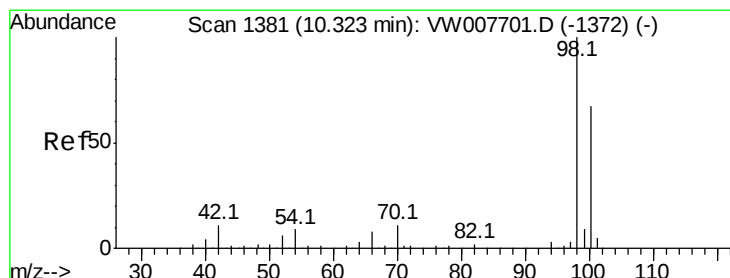
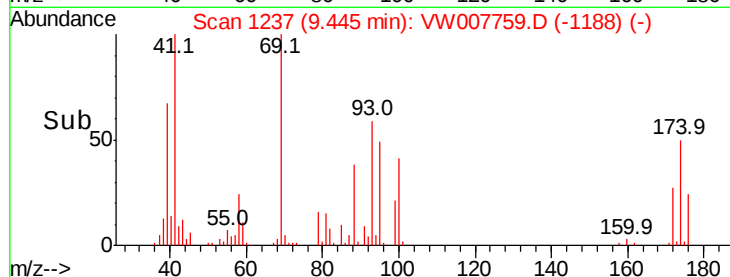
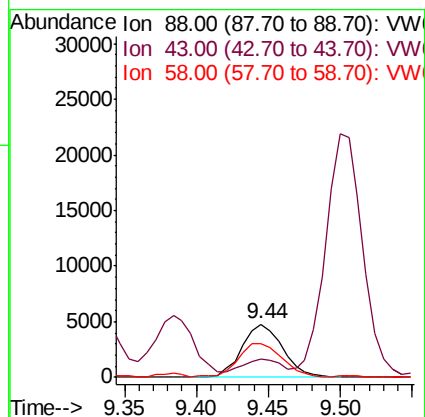
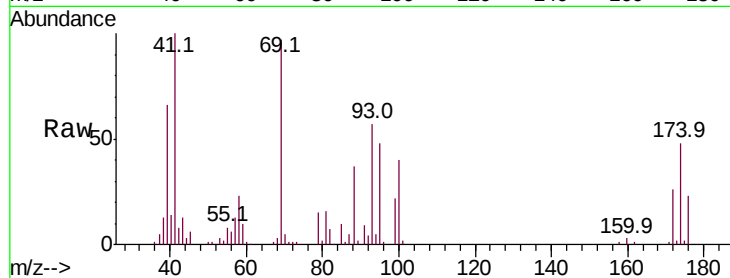
Tot Ion: 88 Resp: 9364

Ion Ratio Lower Upper

88 100

43 32.7 25.6 38.4

58 68.6 52.3 78.5



#50

Toluene-d8

Concen: 82.410 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007759.D

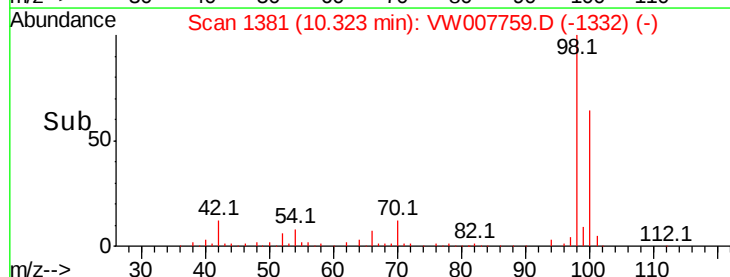
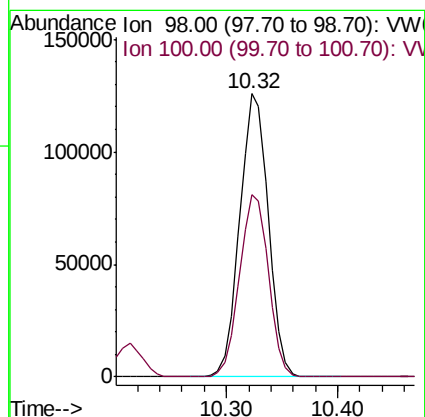
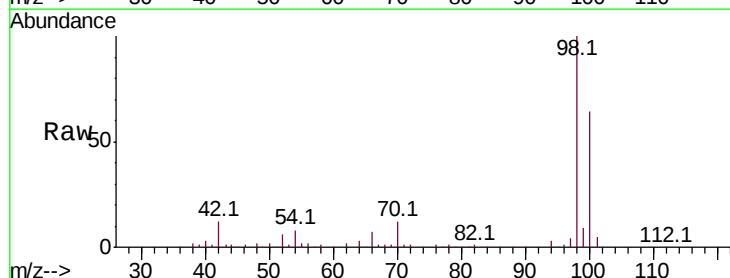
Acq: 20 Dec 2018 20:34

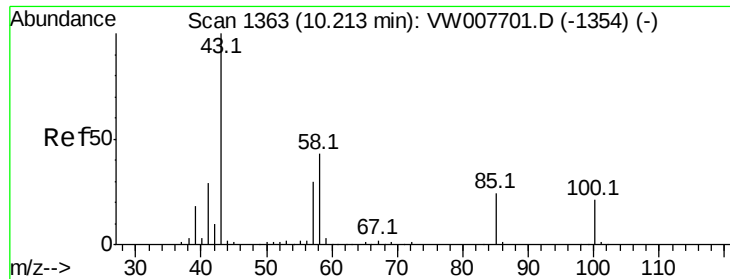
Tgt Ion: 98 Resp: 223211

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 360.948 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

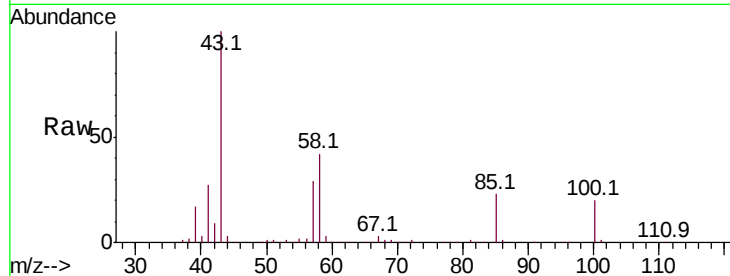
ClientSampleId :

Tot Ion: 43 Resp: 134070

Ion Ratio Lower Upper

43 100

58 41.4 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

80000

60000

40000

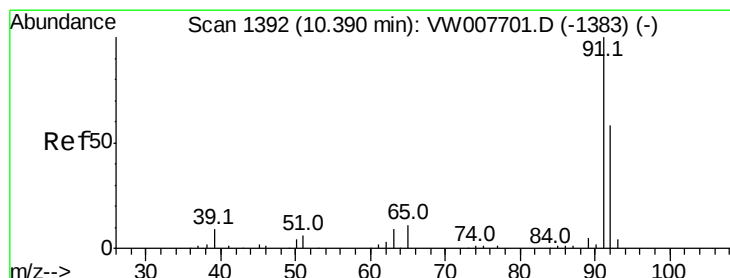
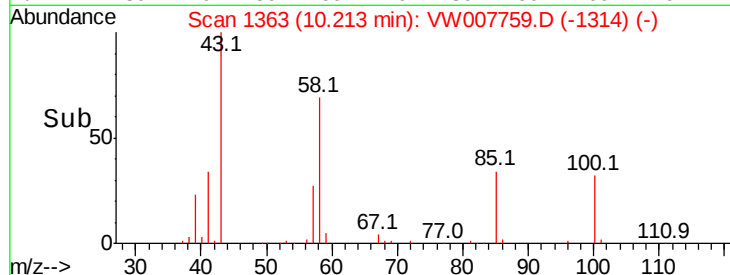
20000

0

10.20

10.30

Time-->



#52

Toluene

Concen: 67.177 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007759.D

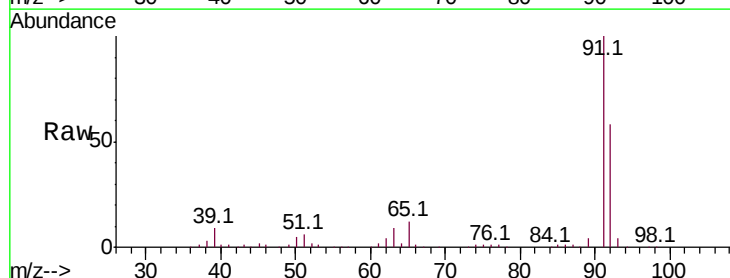
Acq: 20 Dec 2018 20:34

Tgt Ion: 92 Resp: 136715

Ion Ratio Lower Upper

92 100

91 173.2 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

150000

100000

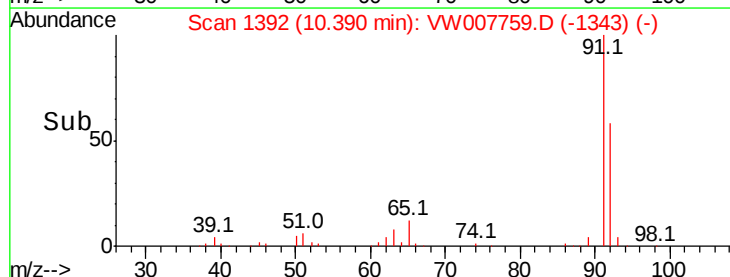
50000

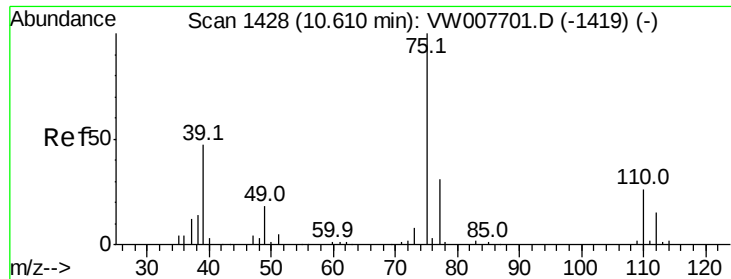
0

10.30

10.40

Time-->





#53

t-1,3-Dichloropropene

Concen: 61.176 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

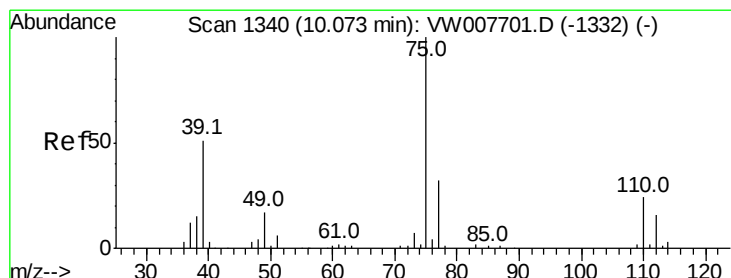
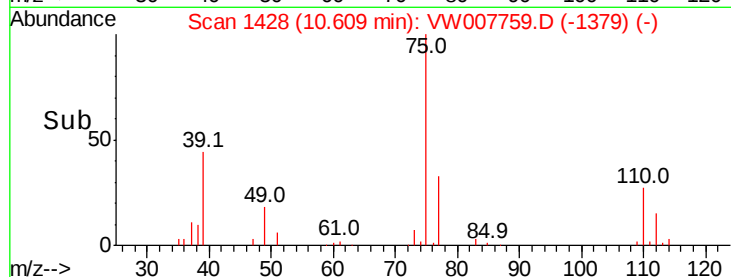
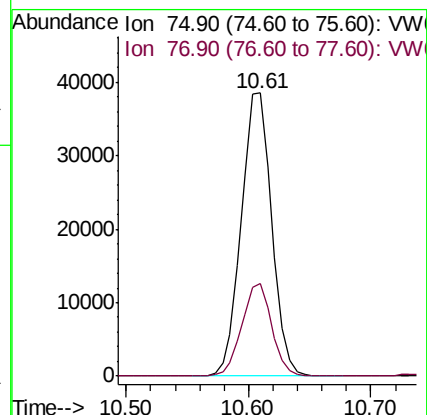
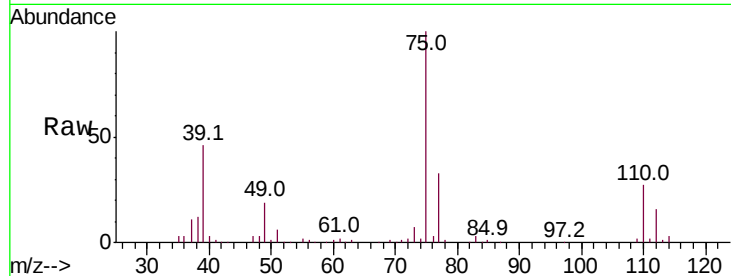
ClientSampleId :

Tot Ion: 75 Resp: 66279

Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 59.850 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

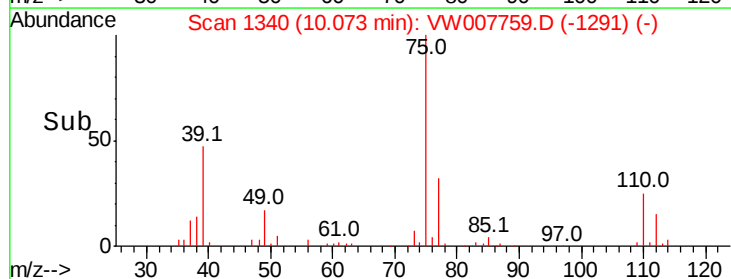
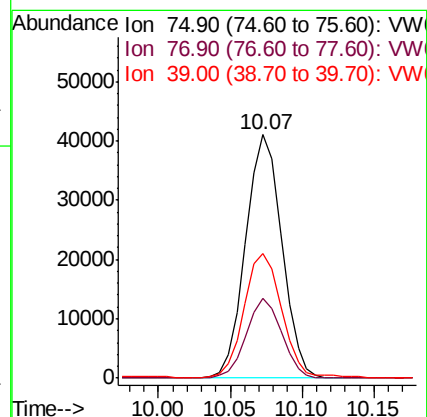
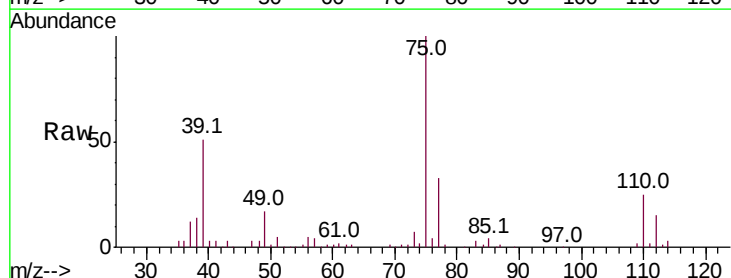
Tgt Ion: 75 Resp: 71622

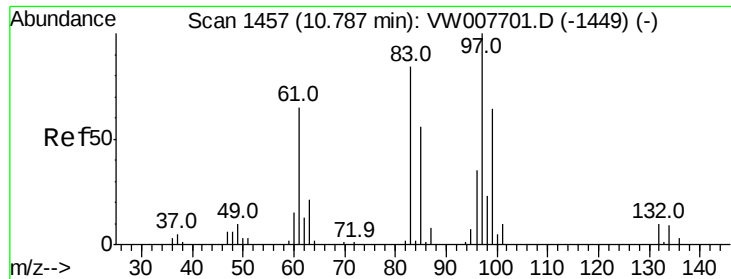
Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

39 51.0 41.2 61.8

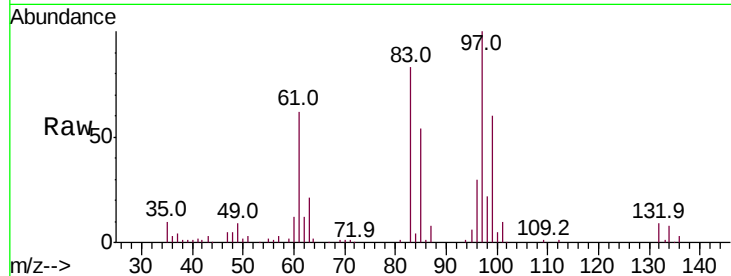




#55
1,1,2-Trichloroethane
Concen: 70.055 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

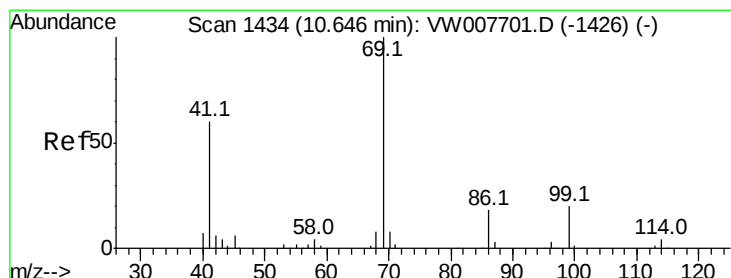
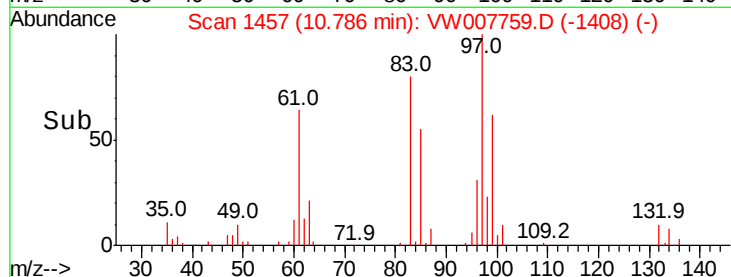
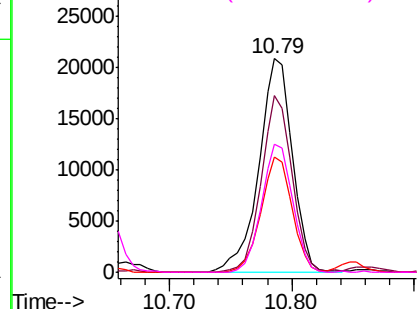
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 97 Resp: 40014
Ion Ratio Lower Upper
97 100
83 82.6 67.5 101.3
85 53.7 44.8 67.2
99 60.1 51.0 76.4



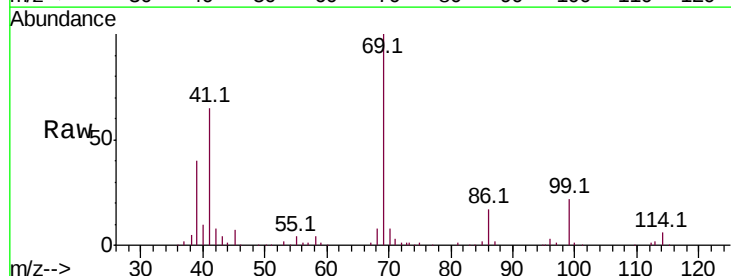
Abundance

Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW



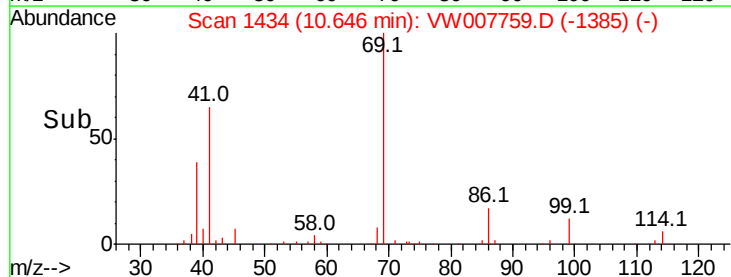
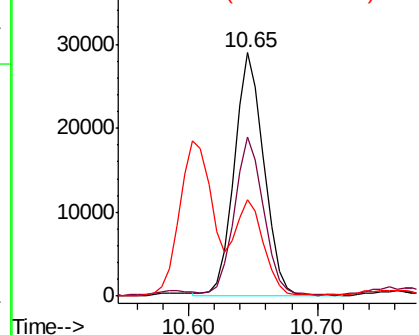
#56
Ethyl methacrylate
Concen: 68.344 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

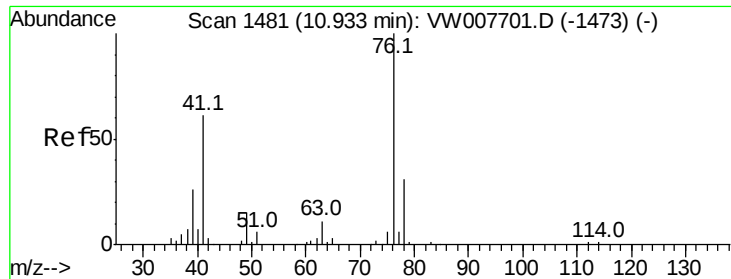
Tgt Ion: 69 Resp: 46122
Ion Ratio Lower Upper
69 100
41 65.7 48.9 73.3
39 38.9 31.3 46.9



Abundance

Ion 69.00 (68.70 to 69.70): VW
Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW

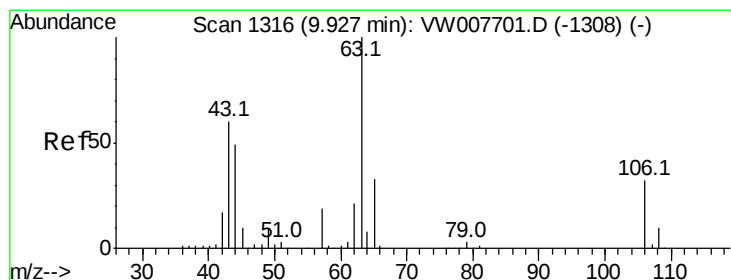
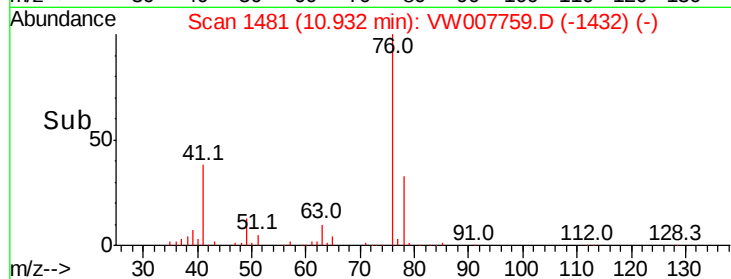
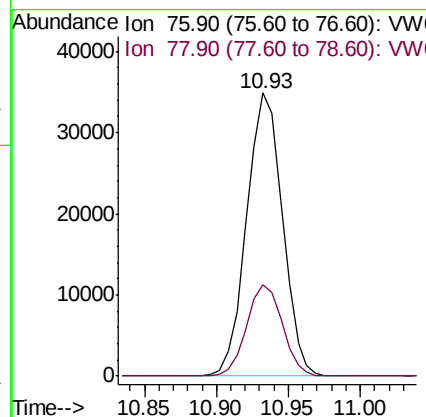
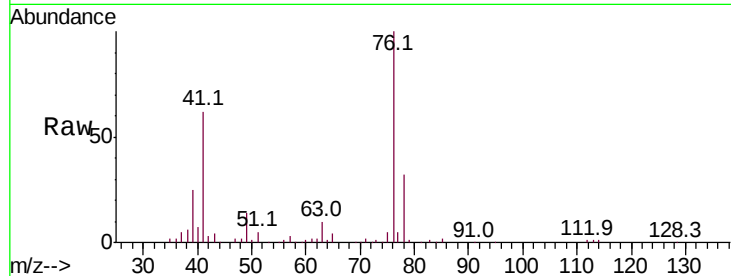




#57
 1,3-Dichloropropane
 Concen: 63.132 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

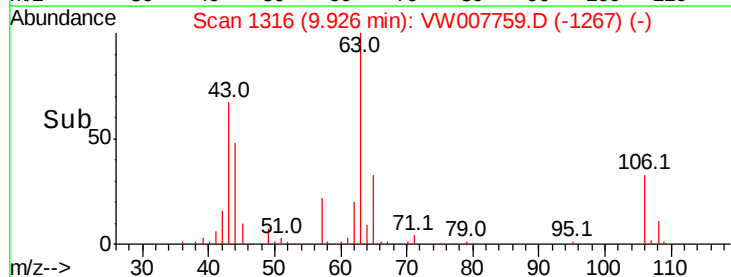
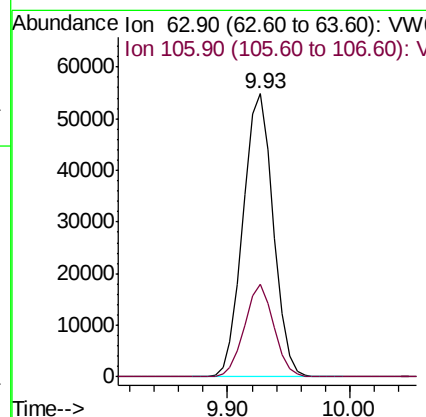
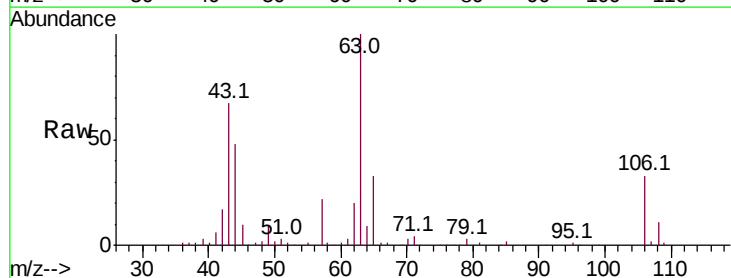
Instrument :
 MSVOA_W
 ClientSampleId :

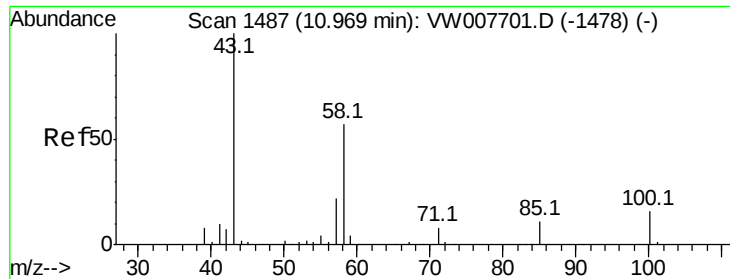
Tot Ion: 76 Resp: 59879
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 304.530 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 63 Resp: 93831
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.9 38.9





#59

2-Hexanone

Concen: 370.398 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

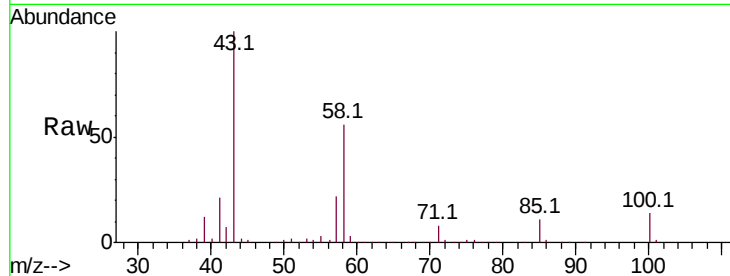
ClientSampled :

Tot Ion: 43 Resp: 96756

Ion Ratio Lower Upper

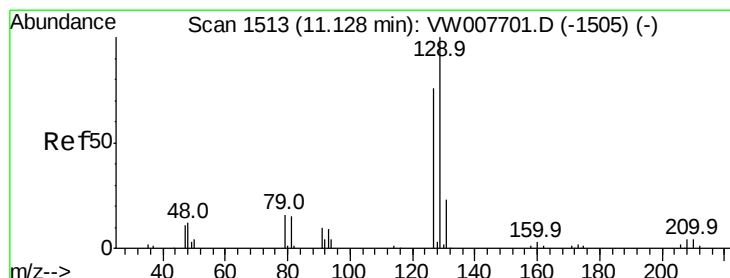
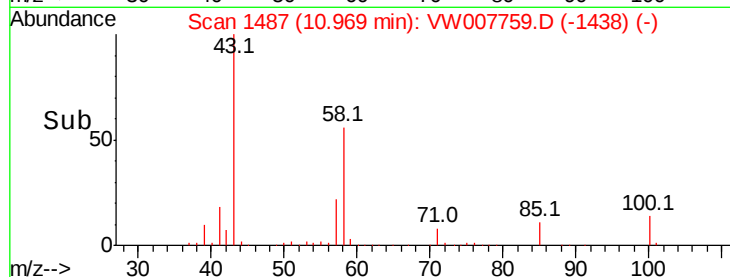
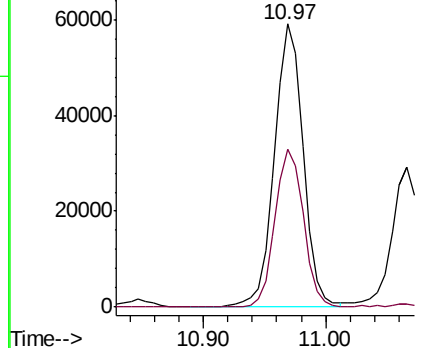
43 100

58 55.2 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 55.328 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007759.D

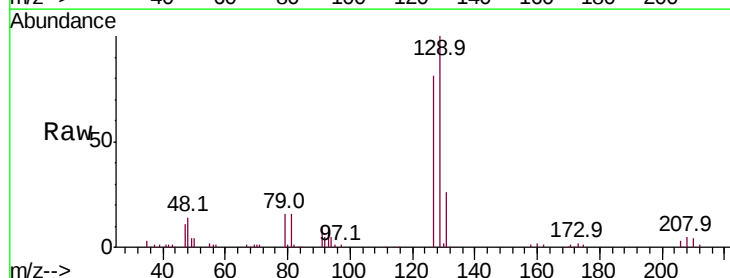
Acq: 20 Dec 2018 20:34

Tgt Ion:129 Resp: 41843

Ion Ratio Lower Upper

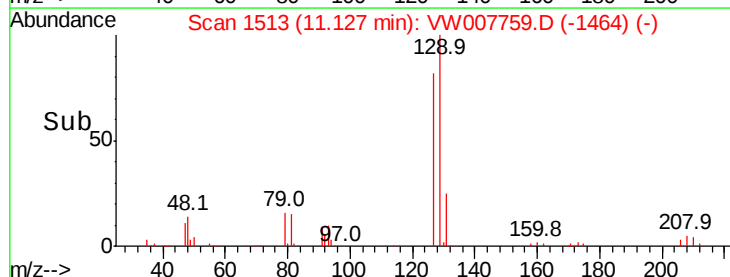
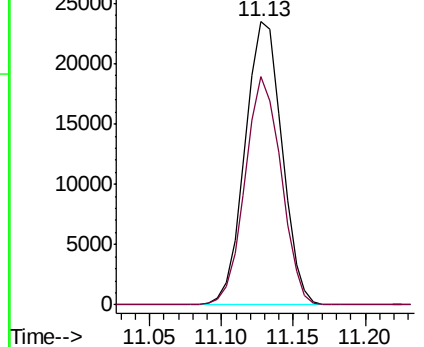
129 100

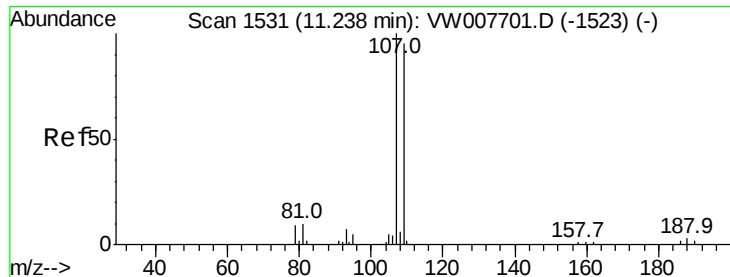
127 78.5 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

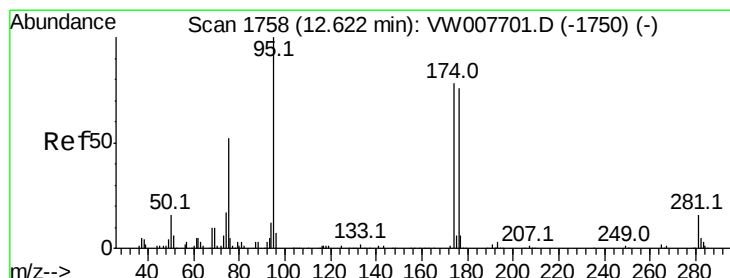
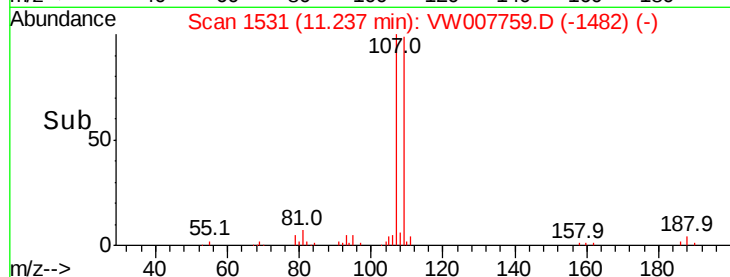
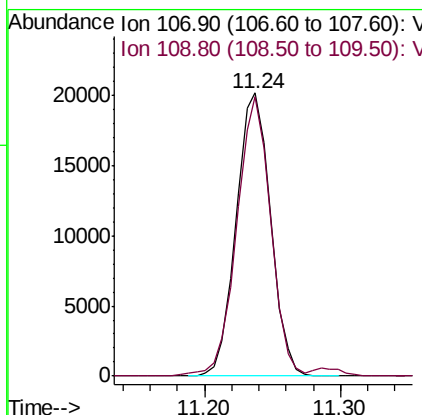
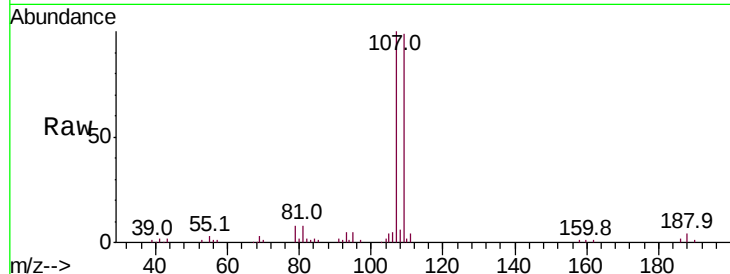




#61
 1,2-Dibromoethane
 Concen: 61.442 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

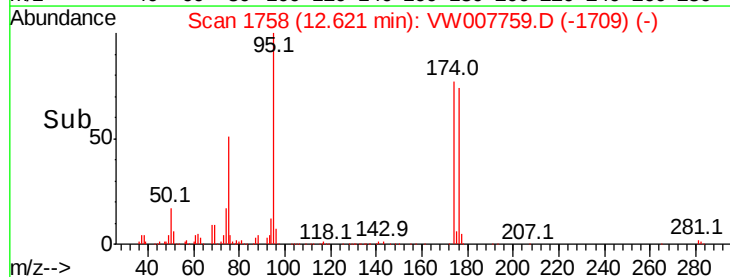
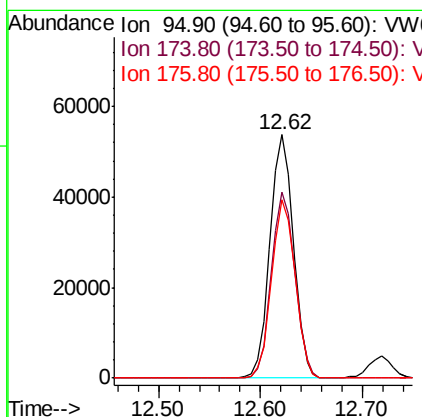
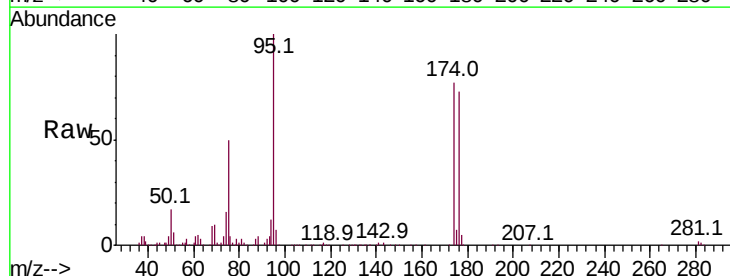
Instrument :
 MSVOA_W
 ClientSampleId :

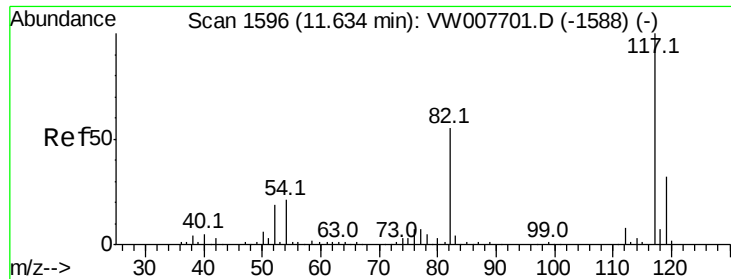
Tot Ion:107 Resp: 35539
 Ion Ratio Lower Upper
 107 100
 109 97.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 82.118 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 95 Resp: 85926
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 152.2
 176 73.2 0.0 146.8

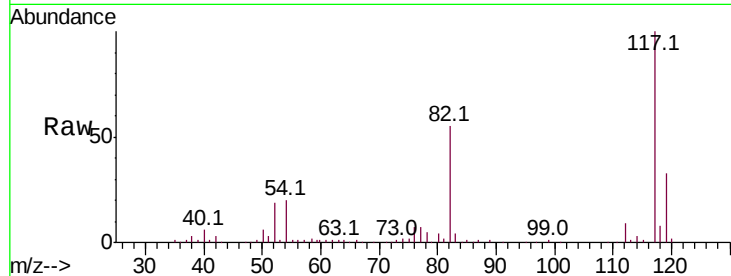




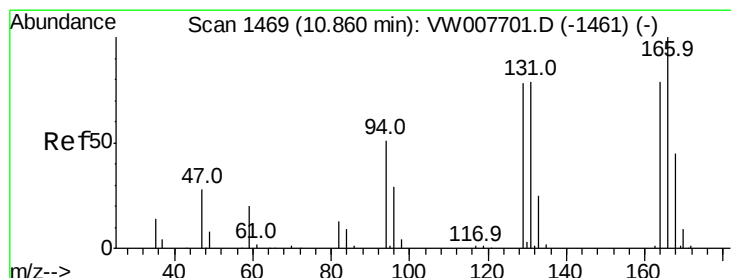
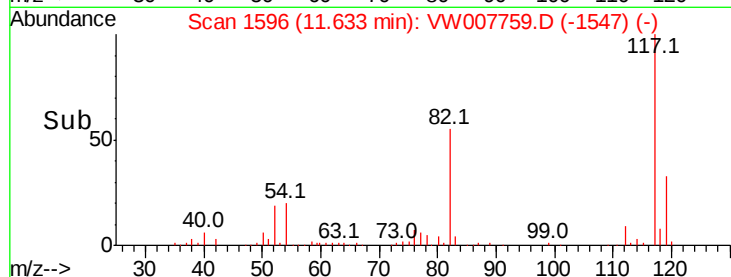
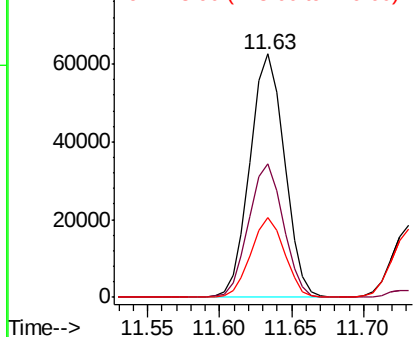
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 103871
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.6 25.7 38.5

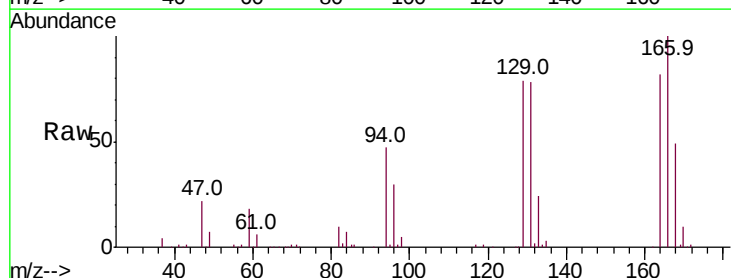


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

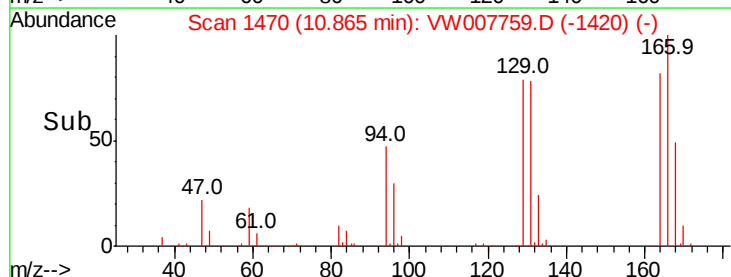
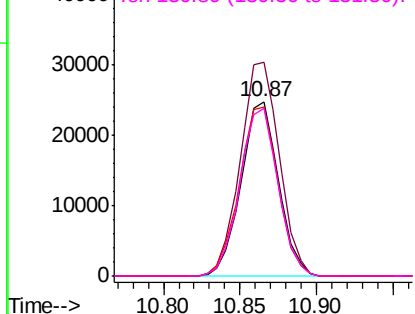


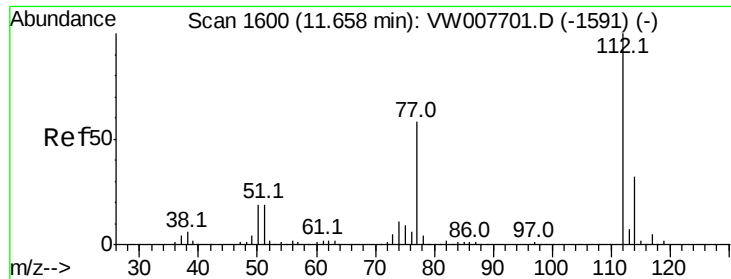
#64
Tetrachloroethene
Concen: 57.207 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion:164 Resp: 42078
Ion Ratio Lower Upper
164 100
166 122.7 101.0 151.6
129 97.1 78.7 118.1
131 96.1 79.4 119.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

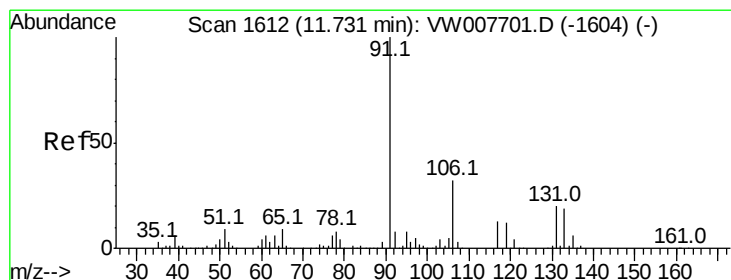
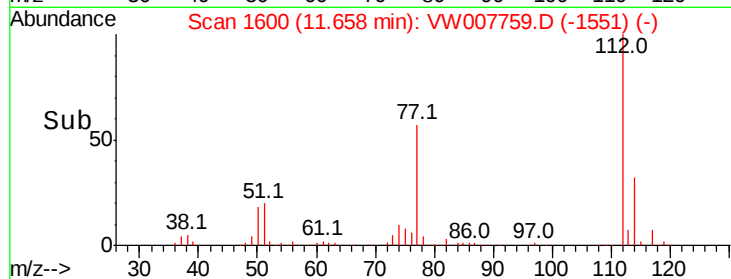
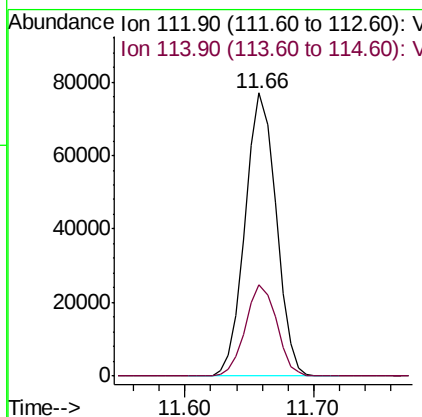
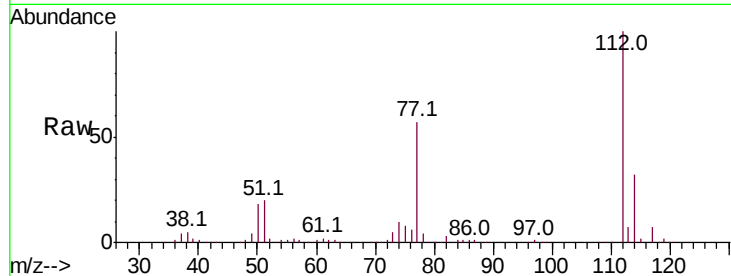




#65
Chlorobenzene
Concen: 57.060 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

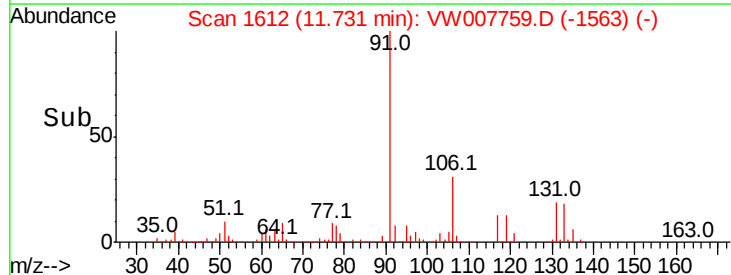
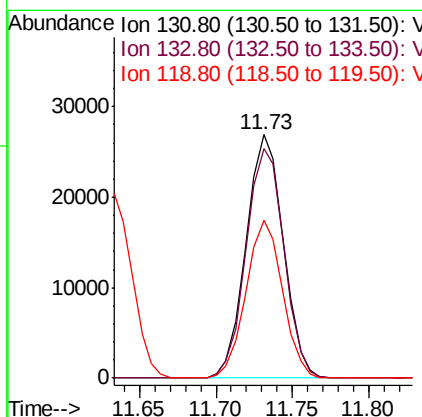
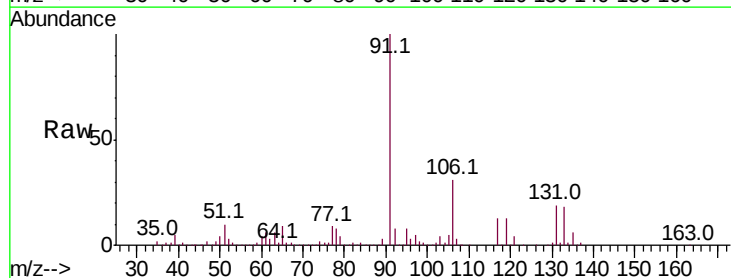
Instrument :
MSVOA_W
ClientSampleId :

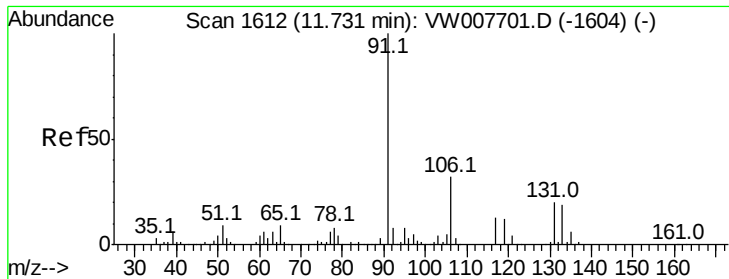
Tot Ion:112 Resp: 128283
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.875 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion:131 Resp: 45689
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 63.7 30.2 90.6

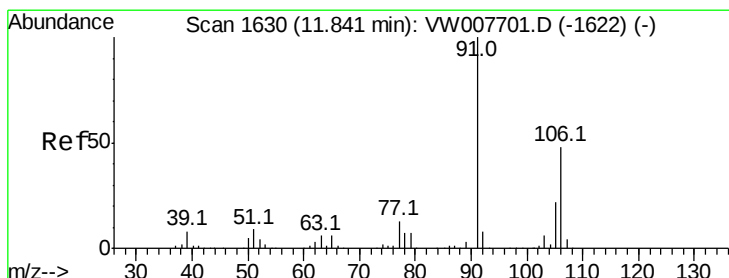
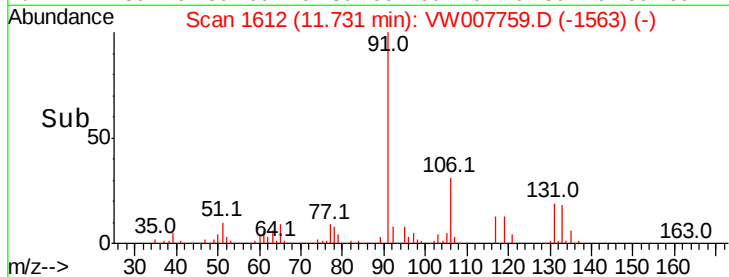
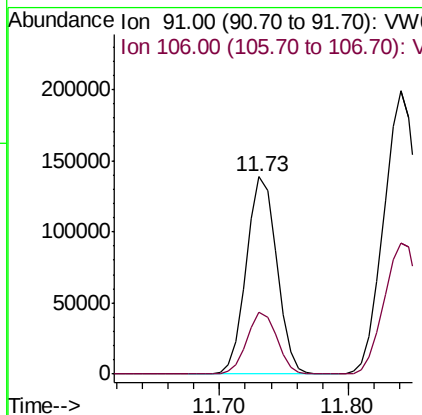
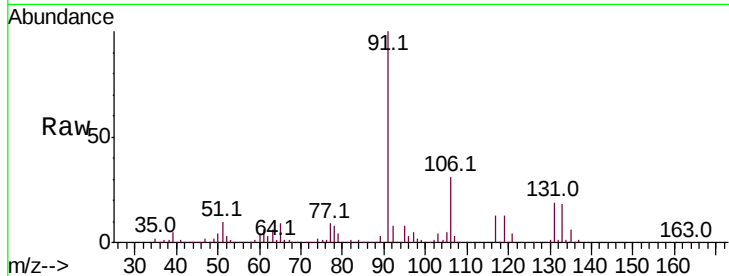




#67
Ethyl Benzene
Concen: 58.252 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

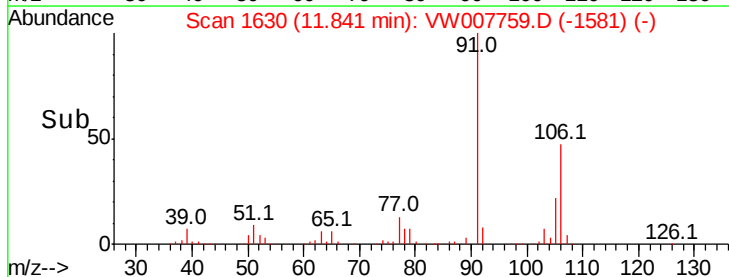
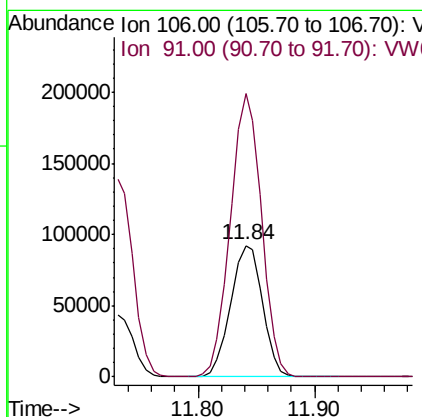
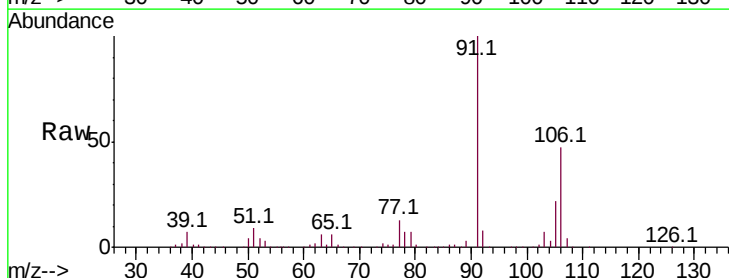
Instrument :
MSVOA_W
ClientSampled :

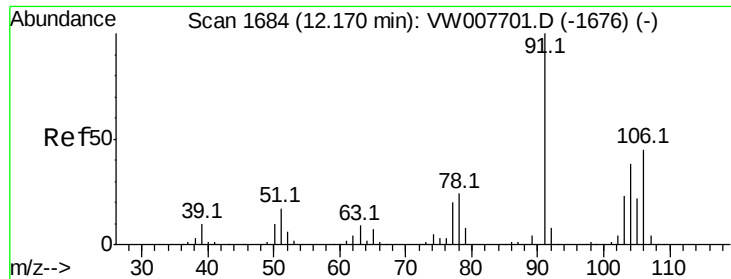
Tot Ion: 91 Resp: 224730
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.8



#68
m/p-Xylenes
Concen: 117.479 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion:106 Resp: 175813
Ion Ratio Lower Upper
106 100
91 210.0 165.2 247.8

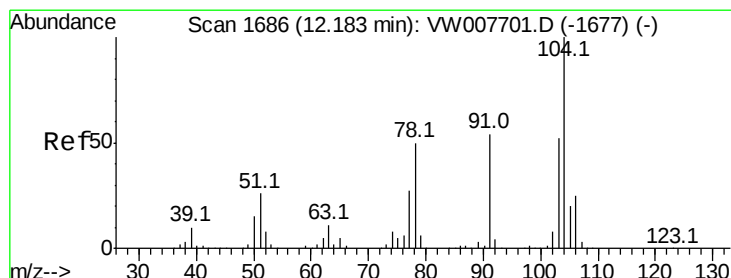
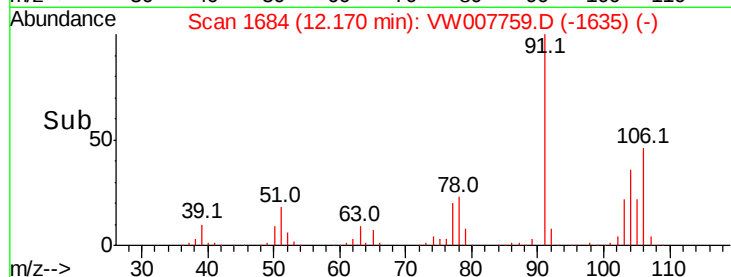
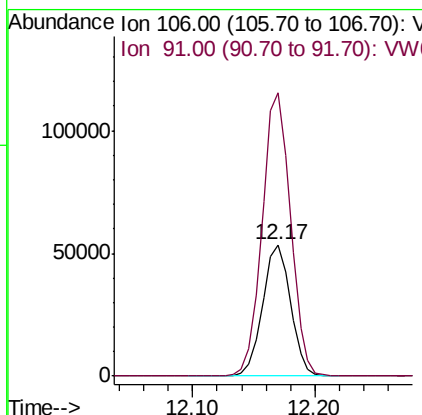
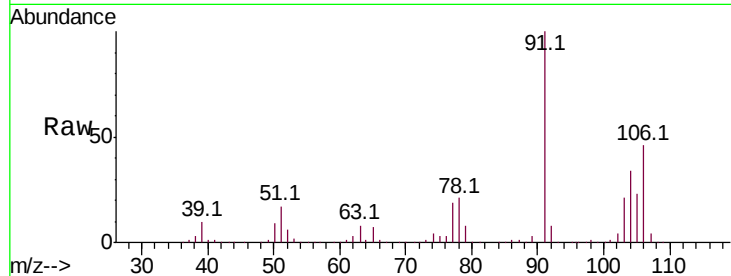




#69
o-Xylene
Concen: 61.016 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

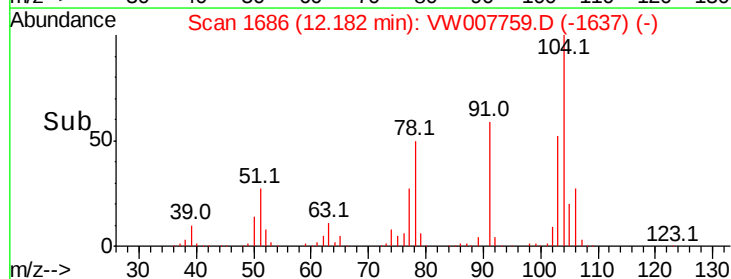
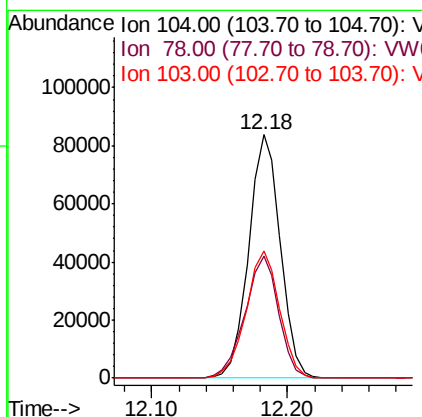
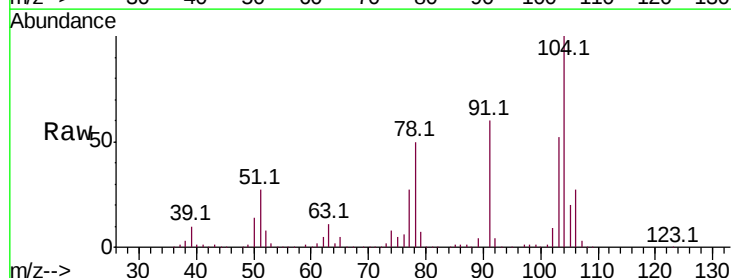
Instrument :
MSVOA_W
ClientSampled :

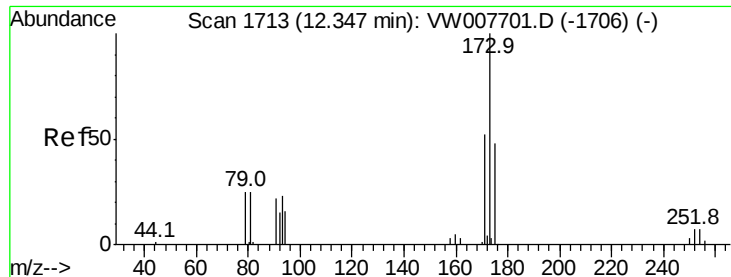
Tot Ion:106 Resp: 85595
Ion Ratio Lower Upper
106 100
91 217.8 110.5 331.4



#70
Styrene
Concen: 59.071 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion:104 Resp: 136216
Ion Ratio Lower Upper
104 100
78 53.4 43.4 65.0
103 55.4 44.5 66.7





#71

Bromoform

Concen: 57.182 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

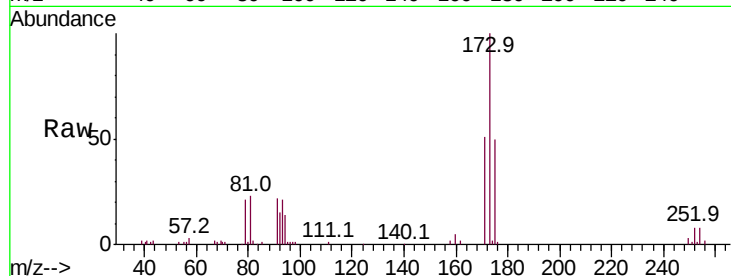
Tot Ion:173 Resp: 23846

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

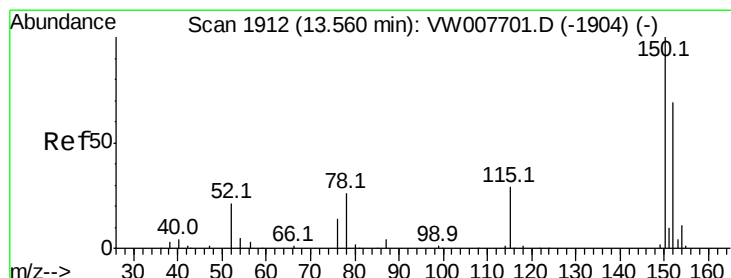
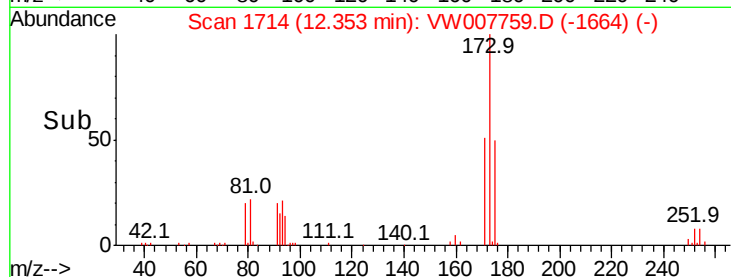
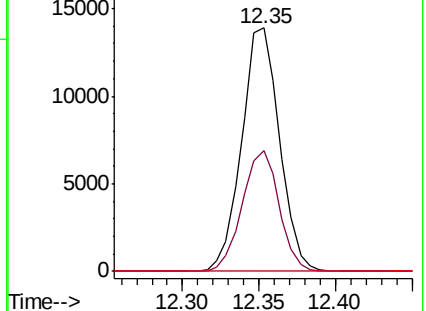
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

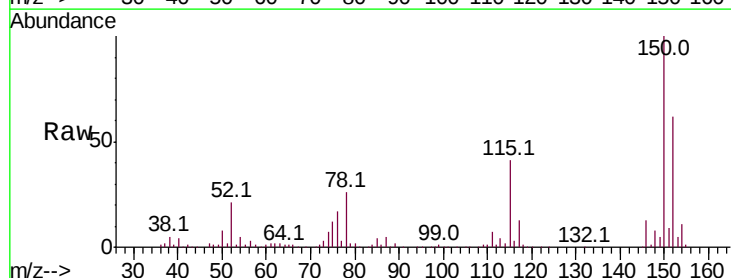
Tgt Ion:152 Resp: 50277

Ion Ratio Lower Upper

152 100

115 64.0 31.8 95.4

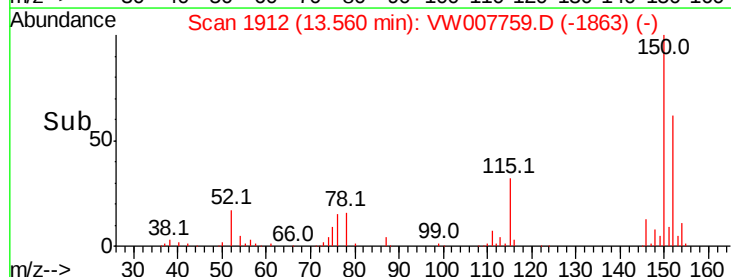
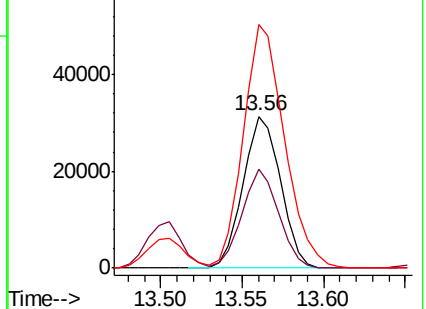
150 176.3 0.0 350.8

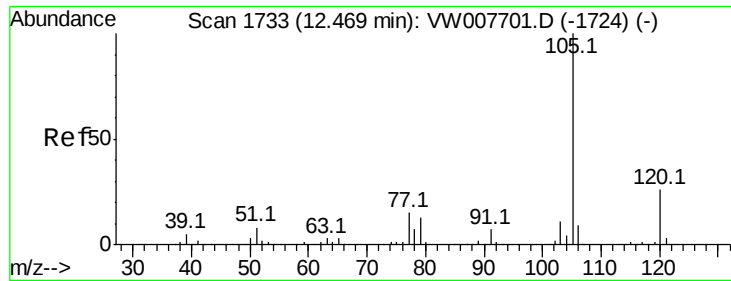


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

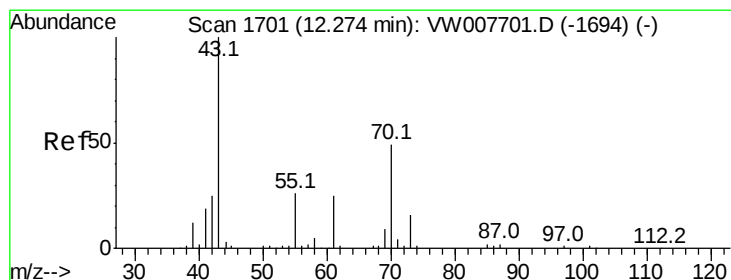
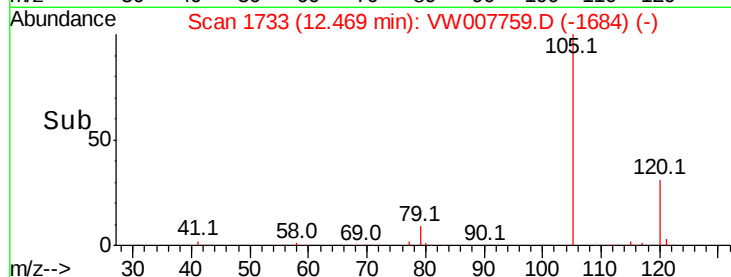
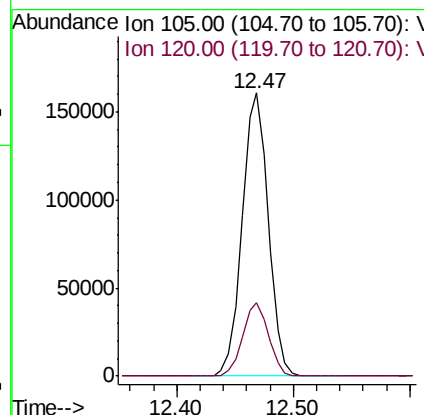
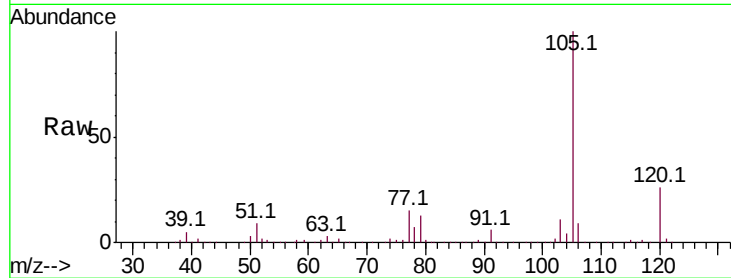




#73
Isopropylbenzene
Concen: 65.979 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

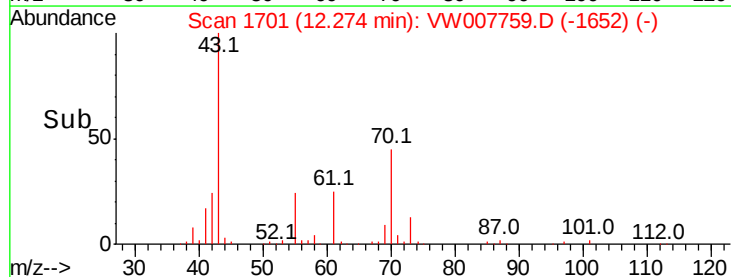
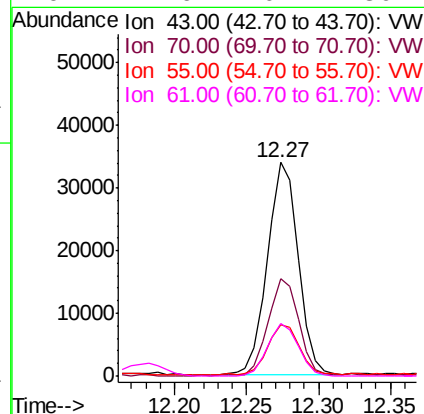
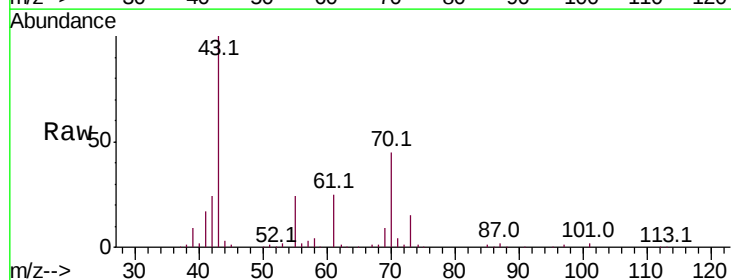
Instrument :
MSVOA_W
ClientSampleId :

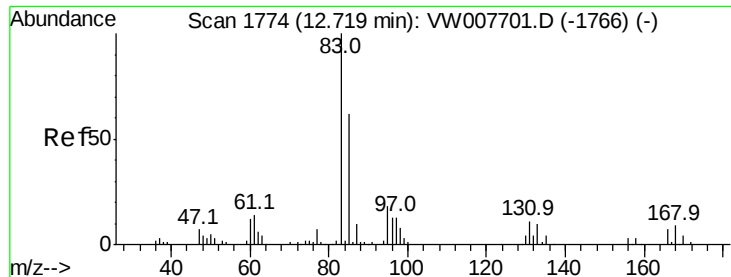
Tot Ion:105 Resp: 250744
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.3



#74
N-ethyl acetate
Concen: 76.408 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 43 Resp: 50298
Ion Ratio Lower Upper
43 100
70 45.9 37.6 56.4
55 24.5 21.7 32.5
61 24.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 70.394 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

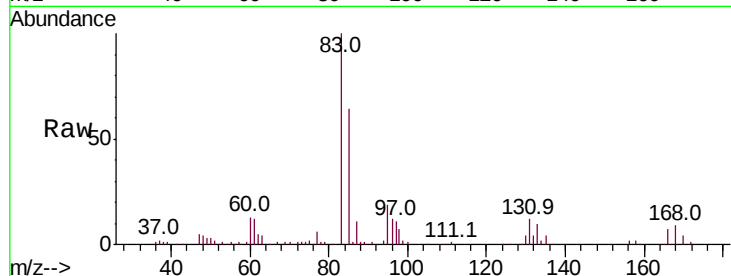
Tot Ion: 83 Resp: 40111

Ion Ratio Lower Upper

83 100

131 12.4 6.3 18.8

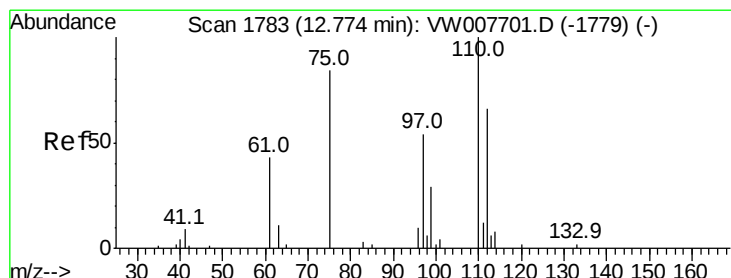
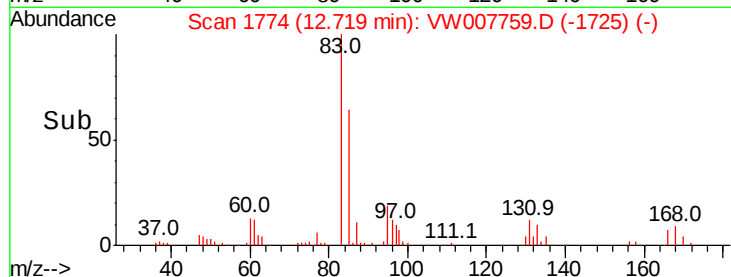
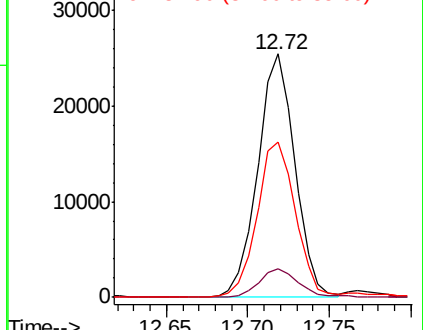
85 65.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 140.324 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007759.D

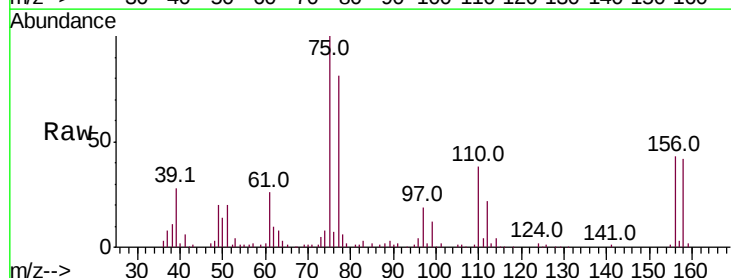
Acq: 20 Dec 2018 20:34

Tgt Ion: 75 Resp: 54529

Ion Ratio Lower Upper

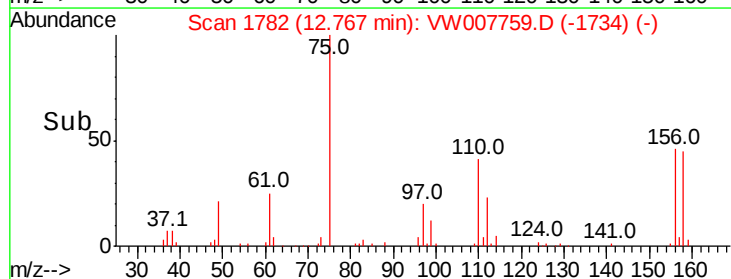
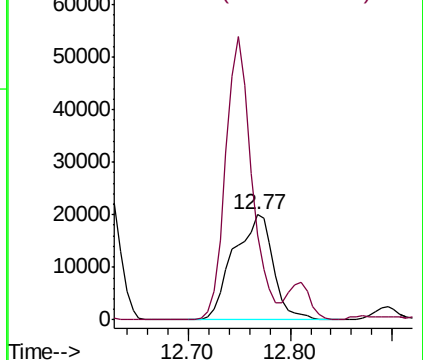
75 100

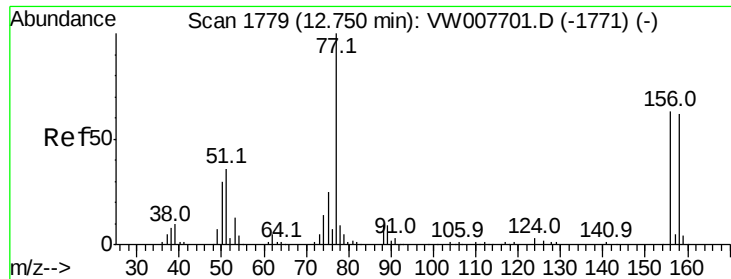
77 178.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 60.358 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

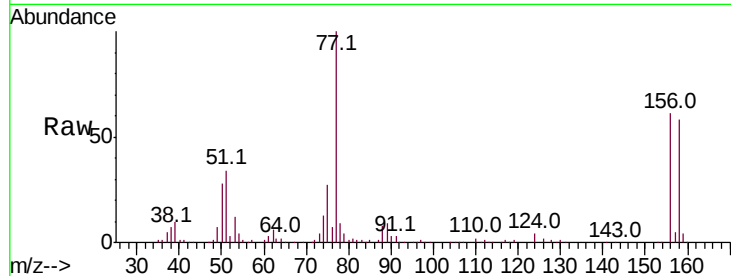
Tot Ion:156 Resp: 52569

Ion Ratio Lower Upper

156 100

77 184.9 87.4 262.1

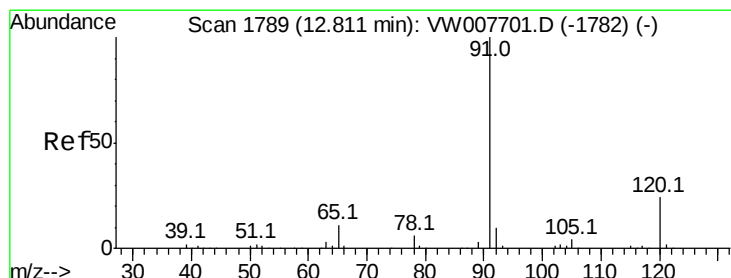
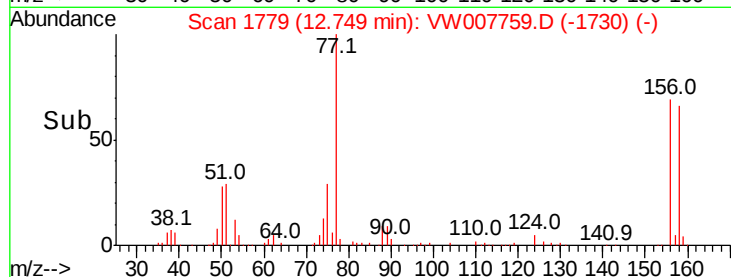
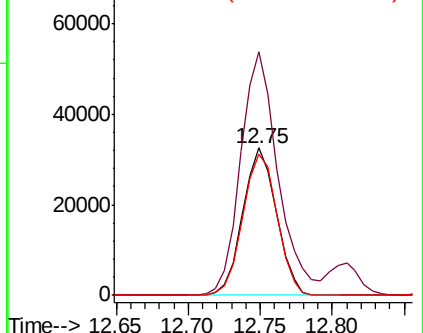
158 97.9 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 61.111 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007759.D

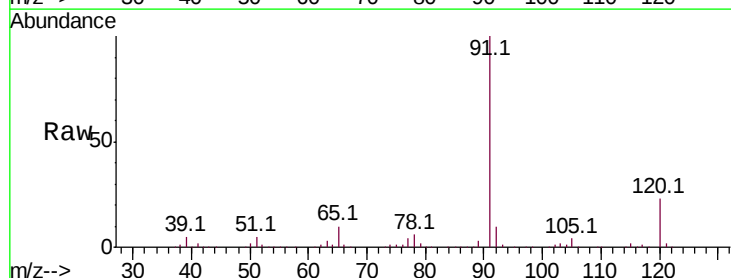
Acq: 20 Dec 2018 20:34

Tgt Ion: 91 Resp: 270350

Ion Ratio Lower Upper

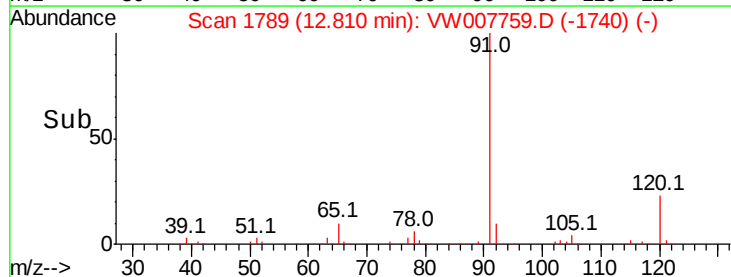
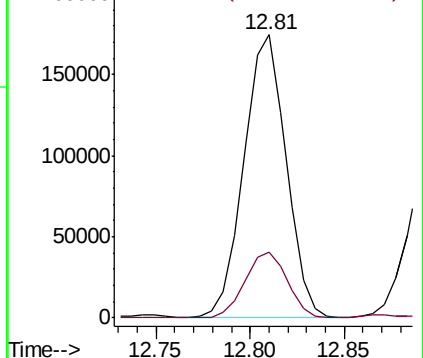
91 100

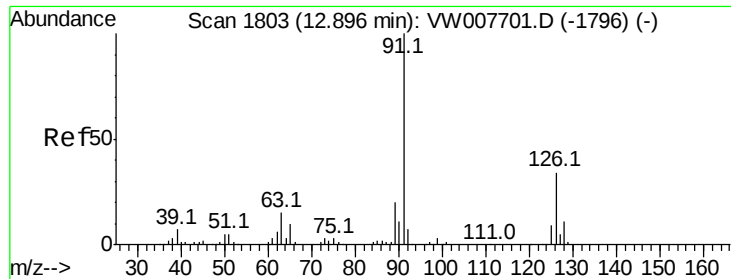
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 58.093 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

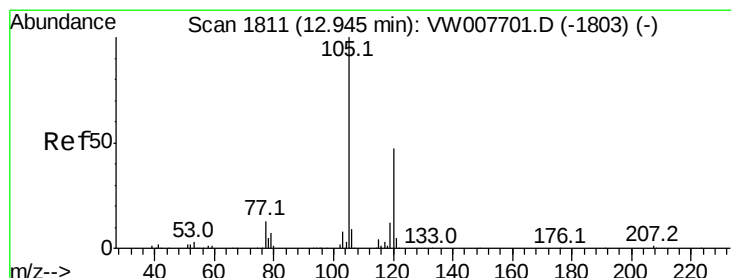
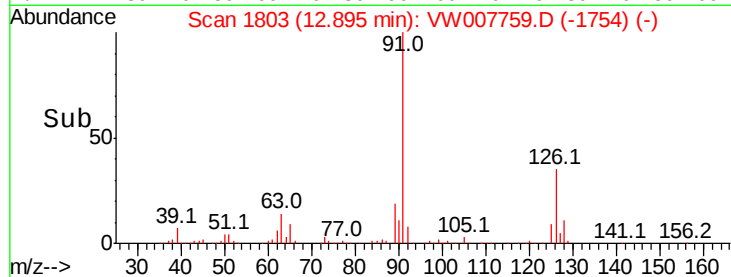
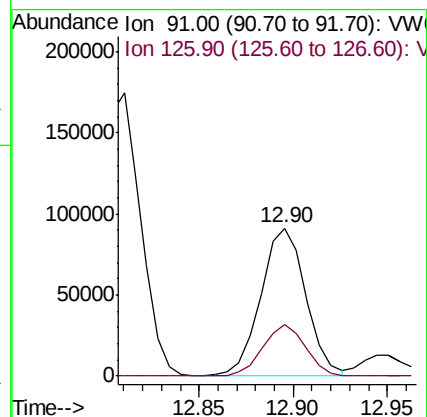
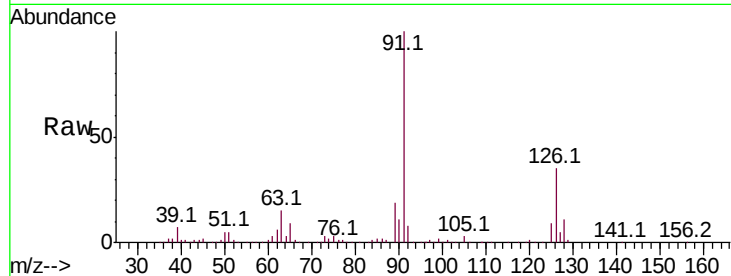
ClientSampleId :

Tot Ion: 91 Resp: 149712

Ion Ratio Lower Upper

91 100

126 33.3 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 58.517 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW007759.D

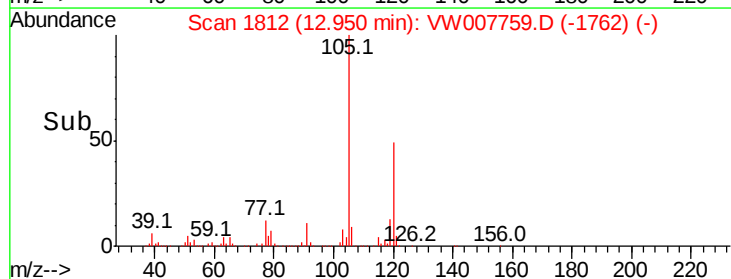
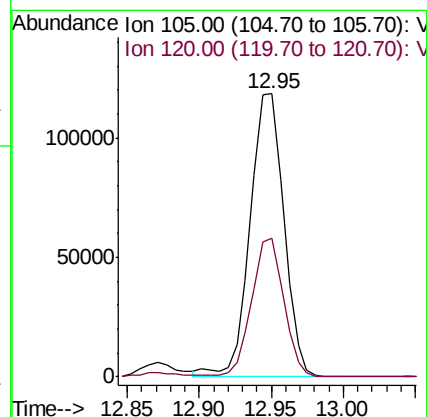
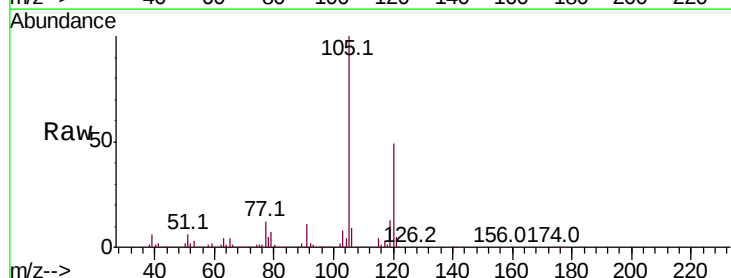
Acq: 20 Dec 2018 20:34

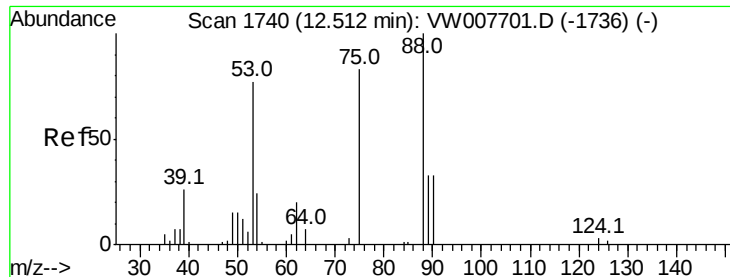
Tgt Ion:105 Resp: 191824

Ion Ratio Lower Upper

105 100

120 46.7 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 64.680 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

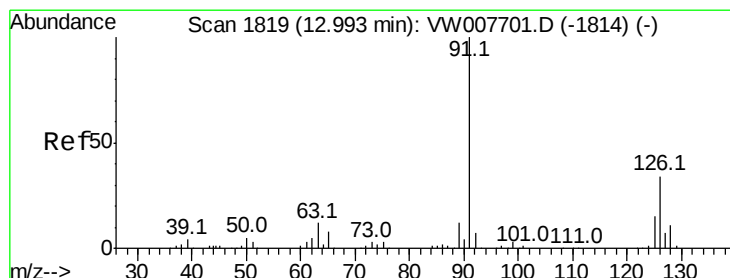
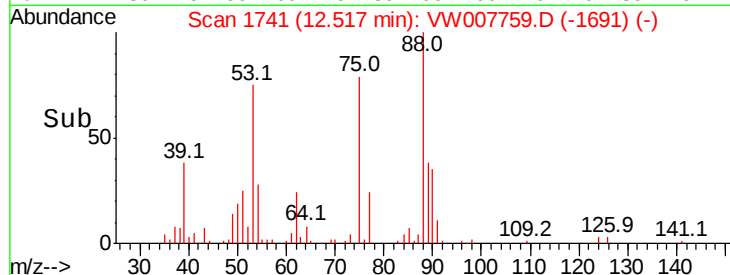
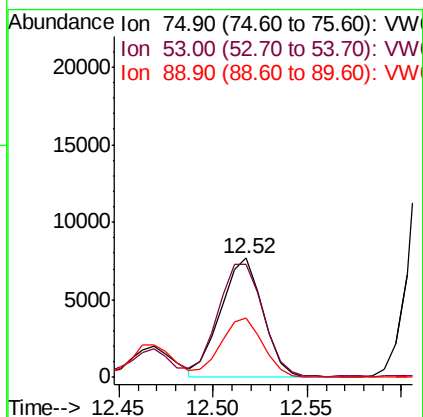
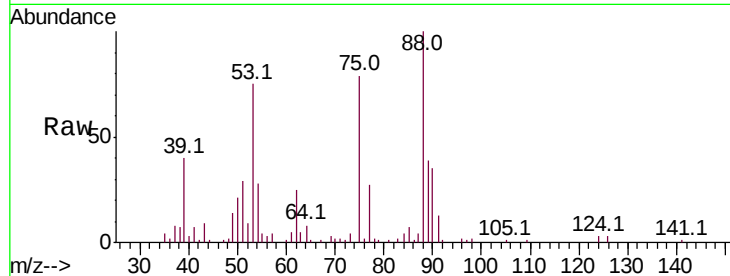
Tot Ion: 75 Resp: 11974

Ion Ratio Lower Upper

75 100

53 102.6 80.2 120.2

89 49.7 39.2 58.8



#82

4-Chlorotoluene

Concen: 57.279 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007759.D

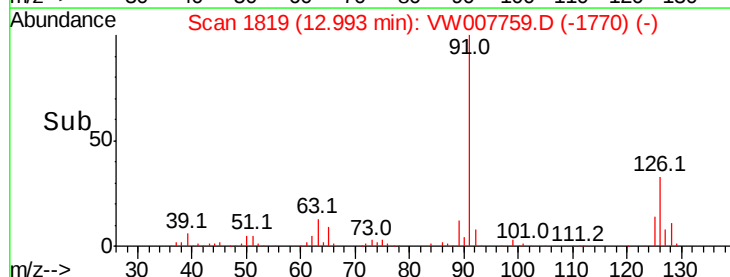
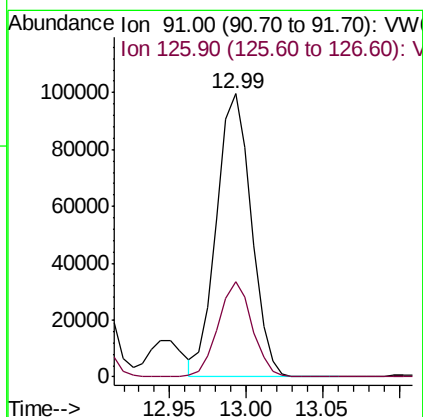
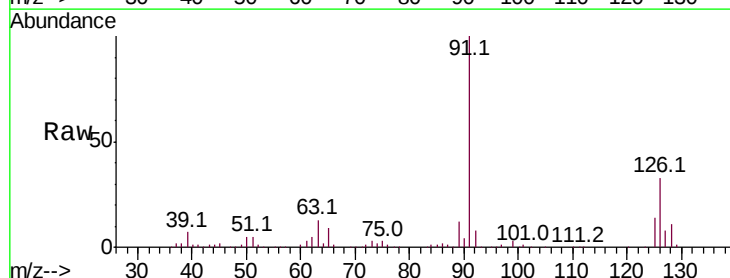
Acq: 20 Dec 2018 20:34

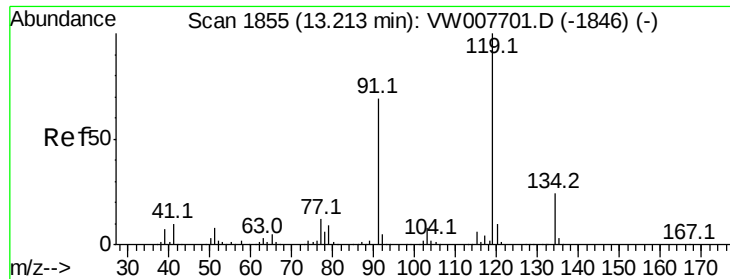
Tgt Ion: 91 Resp: 157176

Ion Ratio Lower Upper

91 100

126 32.7 16.5 49.5

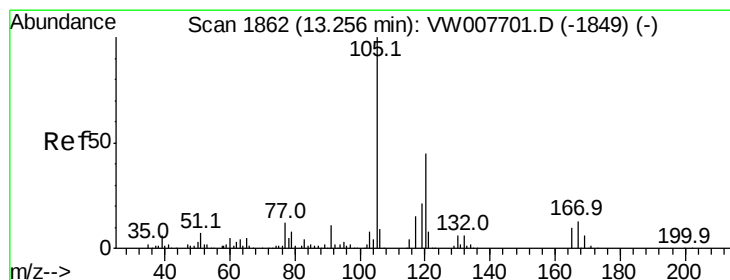
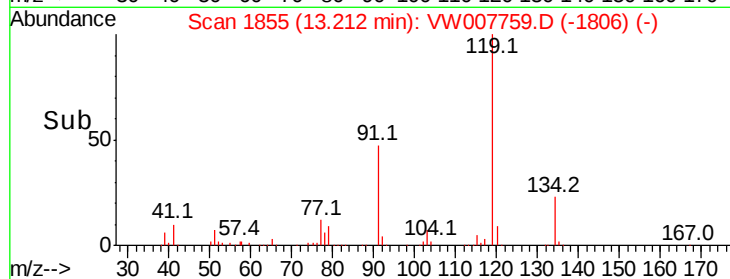
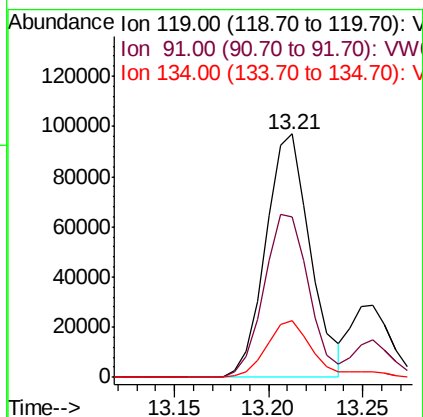
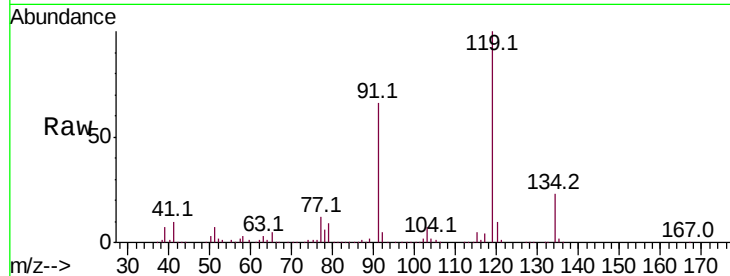




#83
tert-Butylbenzene
Concen: 55.381 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

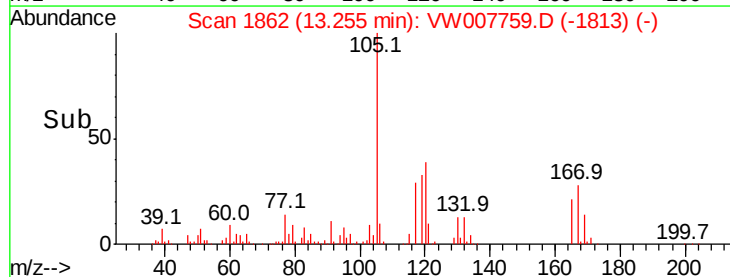
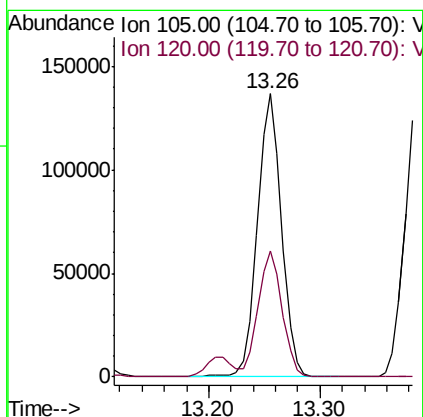
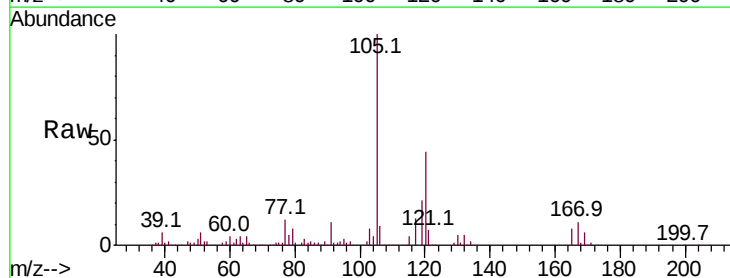
Instrument :
MSVOA_W
ClientSampleId :

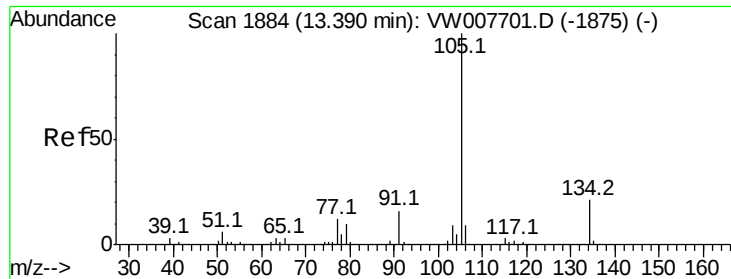
Tot Ion:119 Resp: 159291
Ion Ratio Lower Upper
119 100
91 67.3 34.2 102.5
134 25.1 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 62.278 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion:105 Resp: 206001
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.737 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

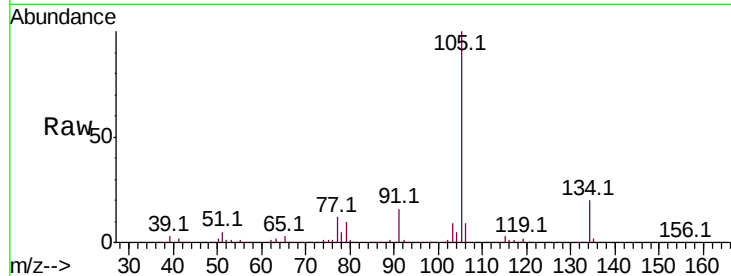
ClientSampleId :

Tot Ion:105 Resp: 209052

Ion Ratio Lower Upper

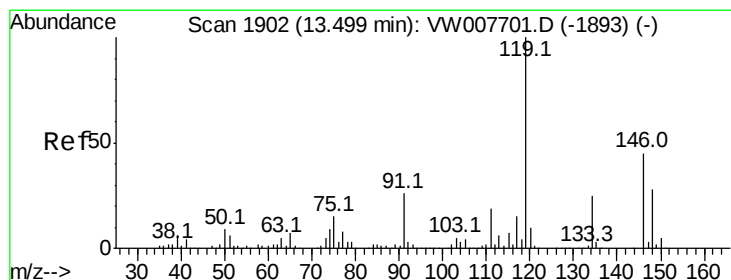
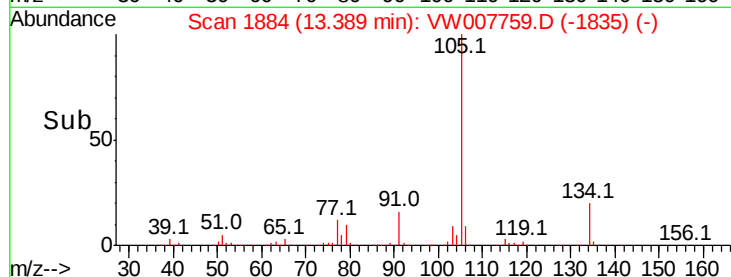
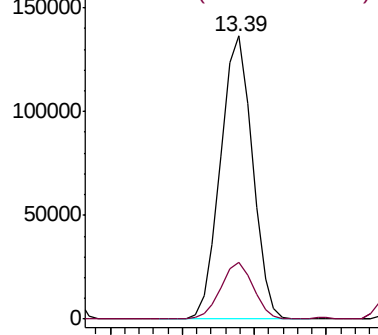
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.828 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

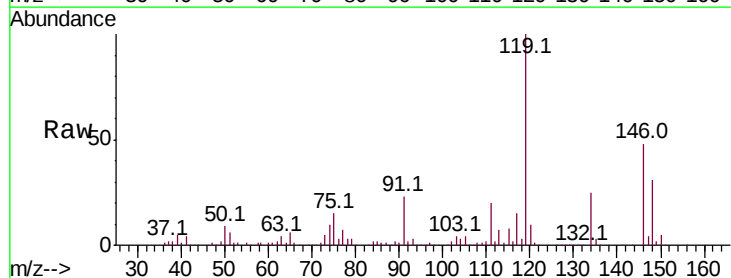
Tgt Ion:119 Resp: 190423

Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

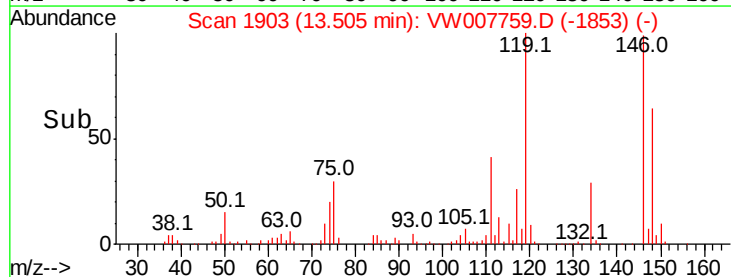
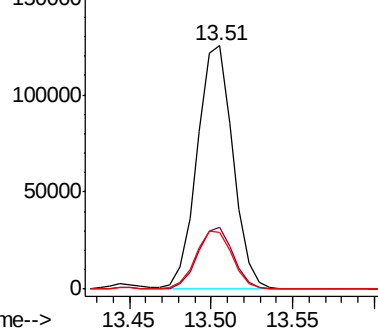
91 24.3 12.8 38.4

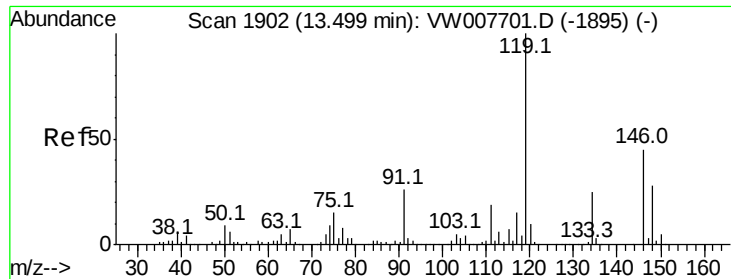


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 57.613 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

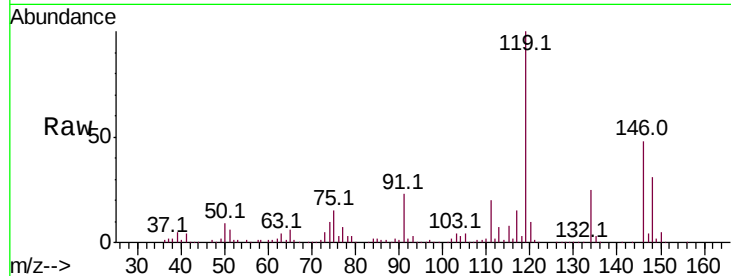
Tot Ion:146 Resp: 99628

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.4

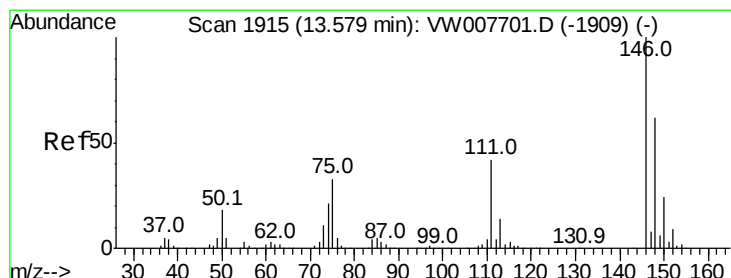
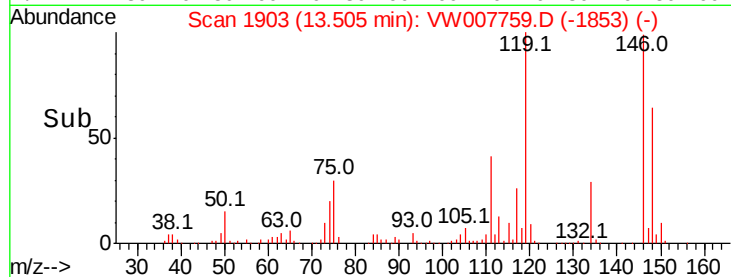
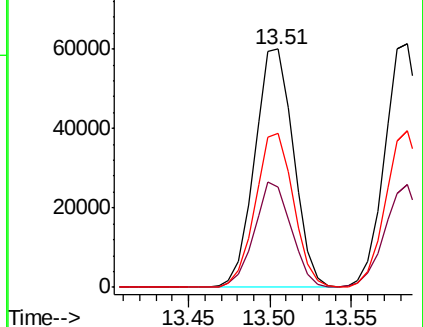
148 63.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 58.033 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

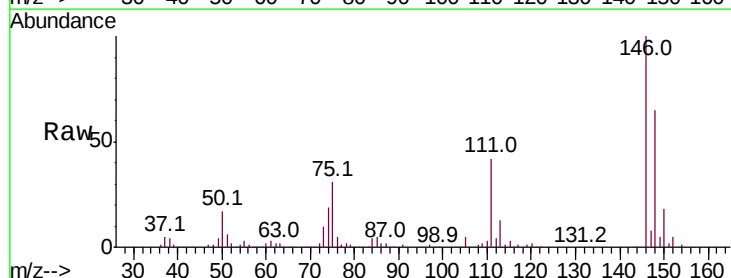
Tgt Ion:146 Resp: 100384

Ion Ratio Lower Upper

146 100

111 41.3 21.0 63.0

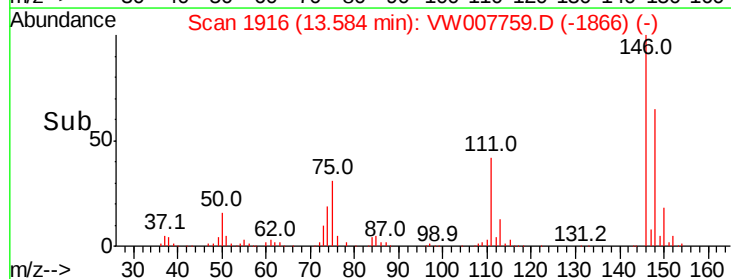
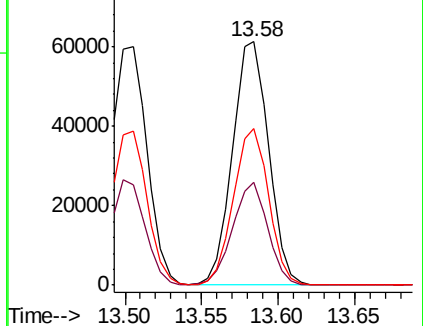
148 63.0 31.8 95.4

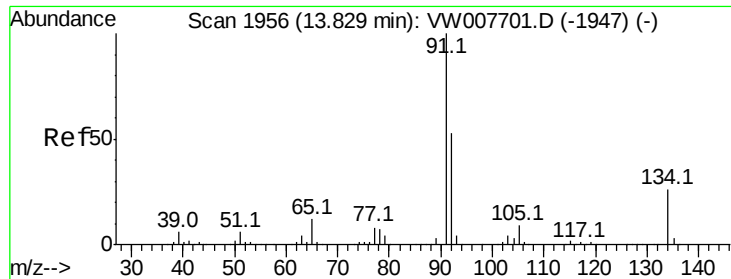


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.036 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampled :

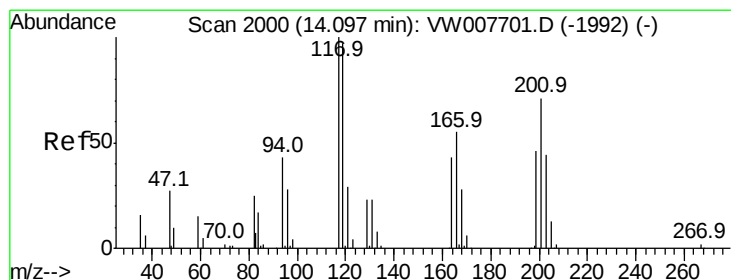
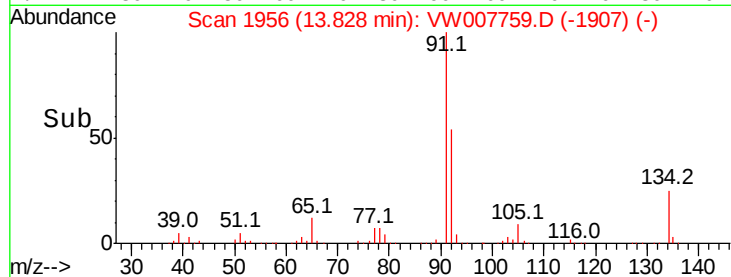
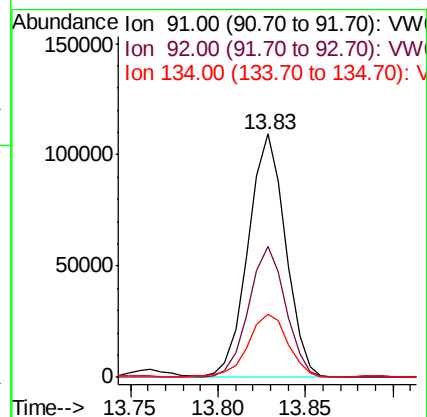
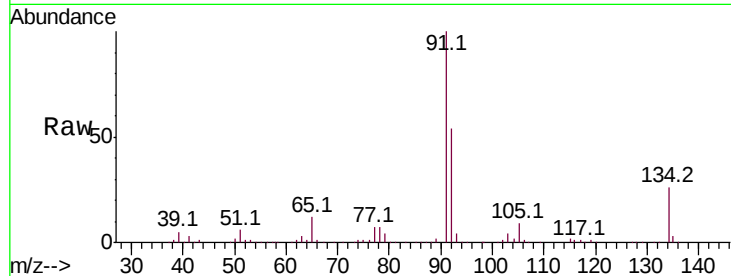
Tot Ion: 91 Resp: 162061

Ion Ratio Lower Upper

91 100

92 53.5 26.4 79.2

134 27.7 13.7 41.0



#90

Hexachloroethane

Concen: 50.373 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007759.D

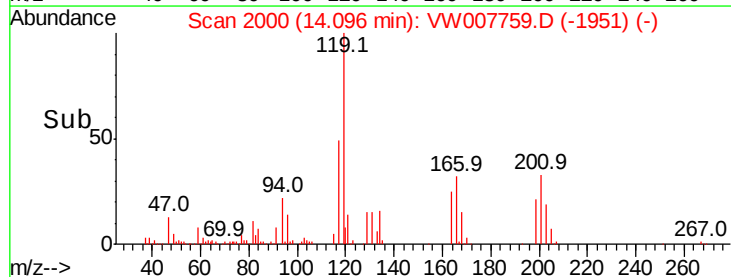
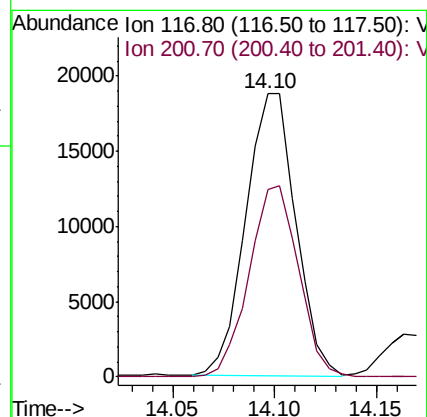
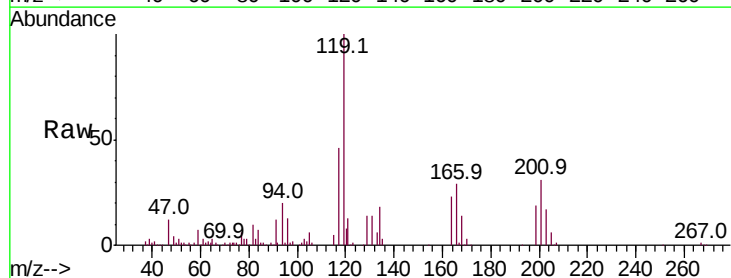
Acq: 20 Dec 2018 20:34

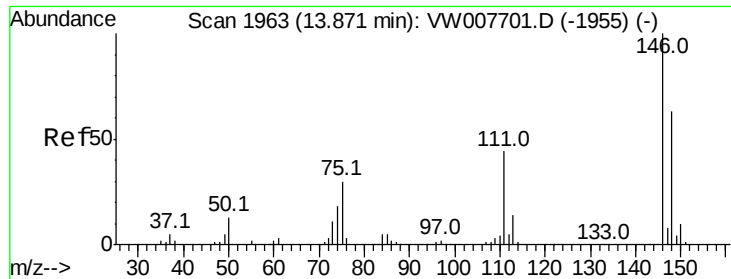
Tgt Ion: 117 Resp: 31877

Ion Ratio Lower Upper

117 100

201 67.1 36.2 108.6

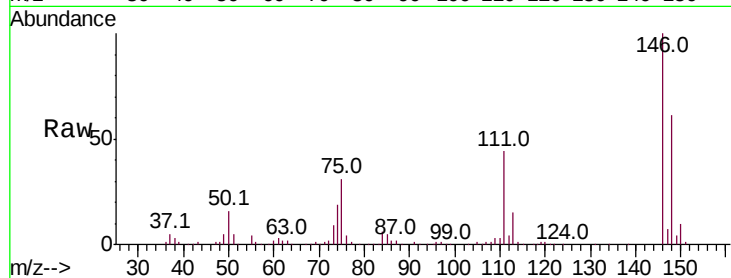




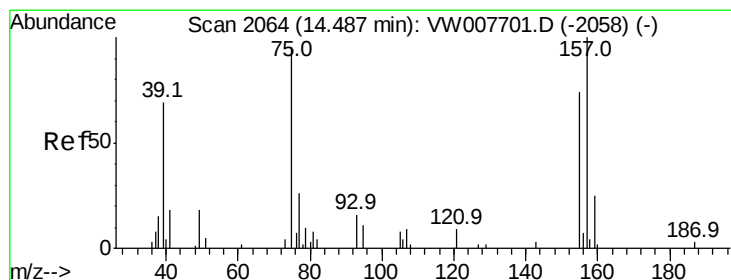
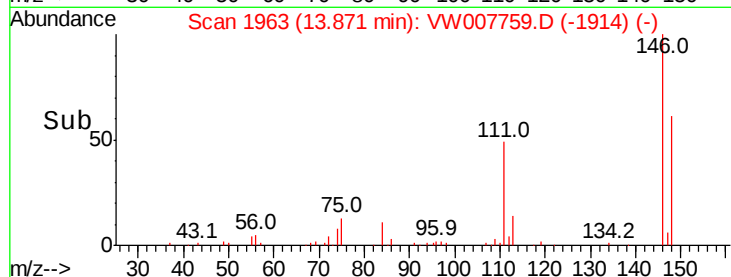
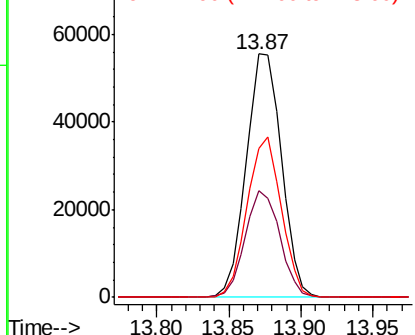
#91
 1,2-Dichlorobenzene
 Concen: 60.620 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:146 Resp: 93857
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.7 65.1
 148 63.7 32.1 96.5

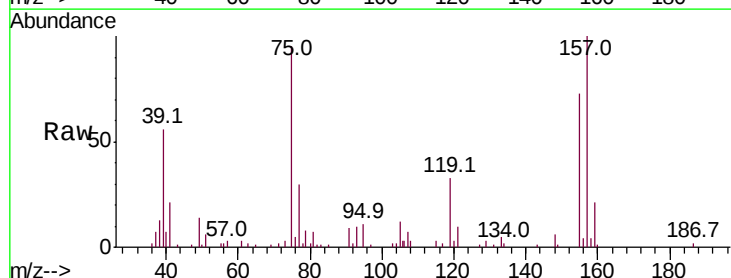


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

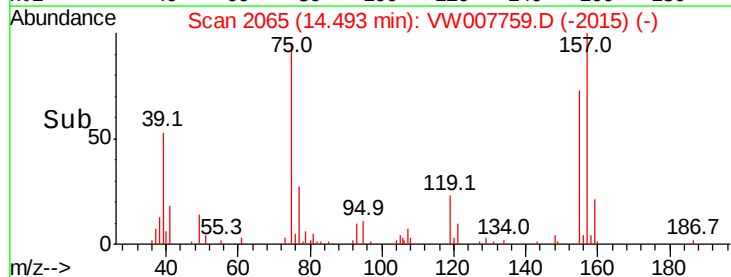
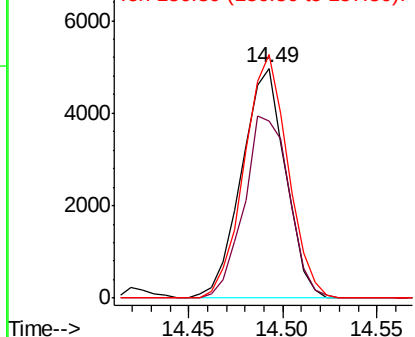


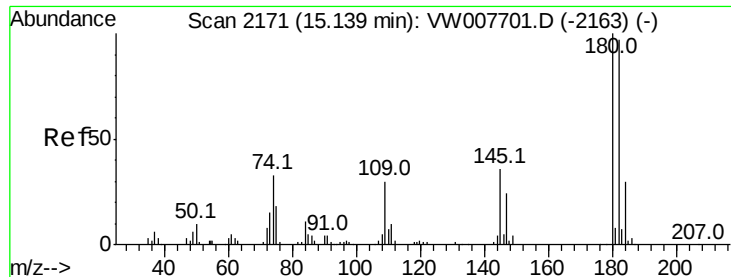
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 68.520 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 75 Resp: 8018
 Ion Ratio Lower Upper
 75 100
 155 81.5 39.4 118.1
 157 105.2 52.0 156.0



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

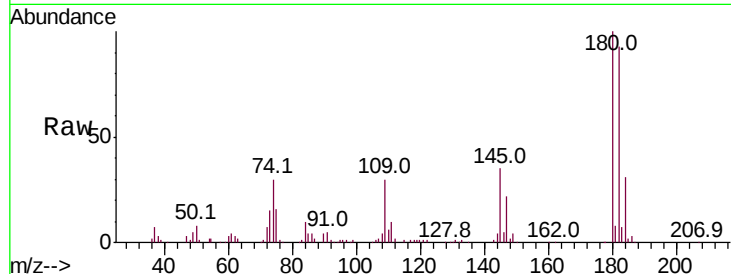




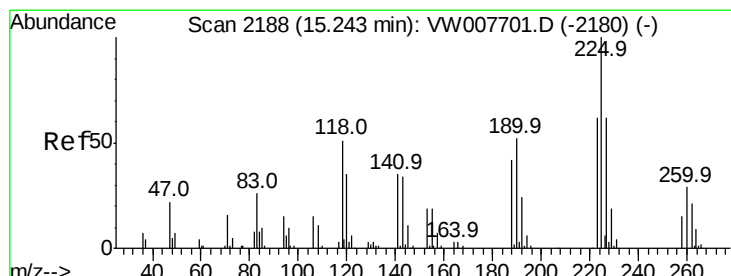
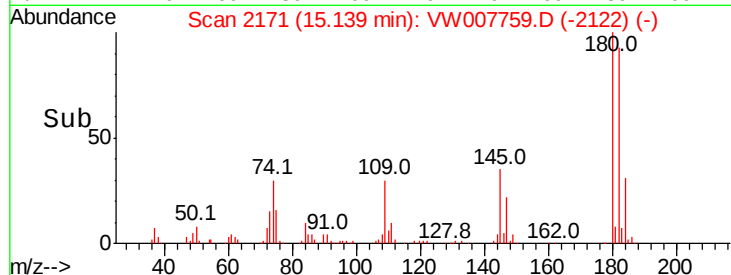
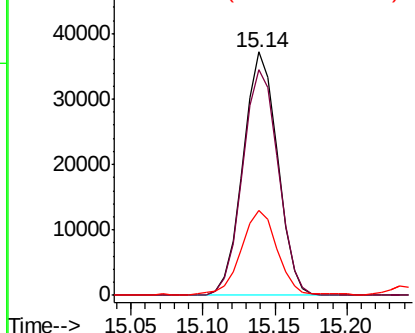
#93
 1,2,4-Trichlorobenzene
 Concen: 57.301 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.6
145	37.5	17.5	52.5

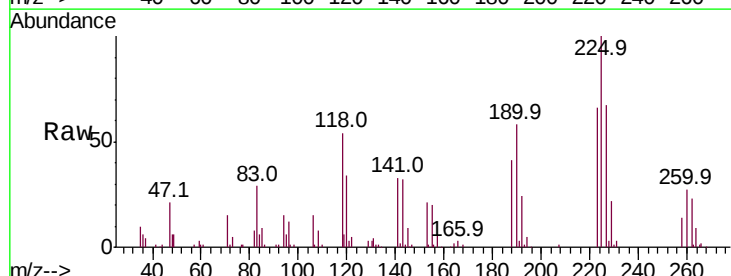


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

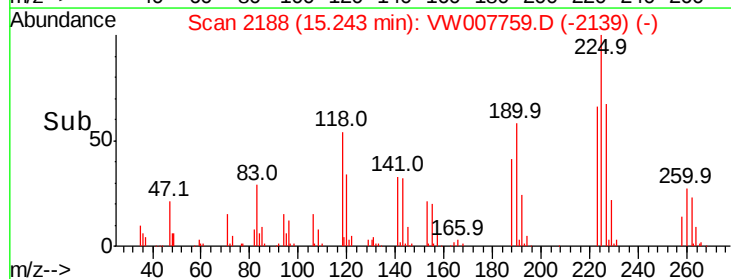
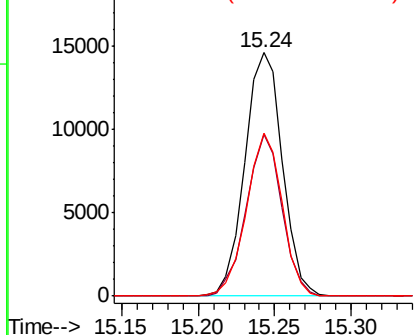


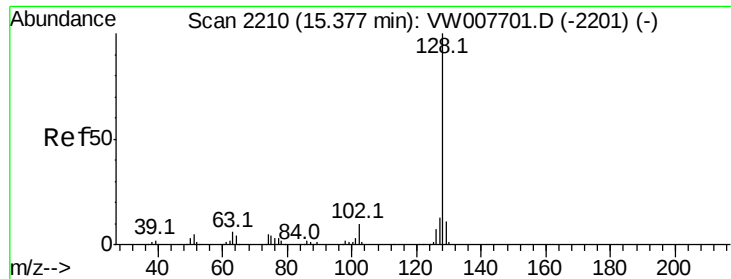
#94
 Hexachlorobutadiene
 Concen: 43.337 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.6	94.8
227	63.6	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

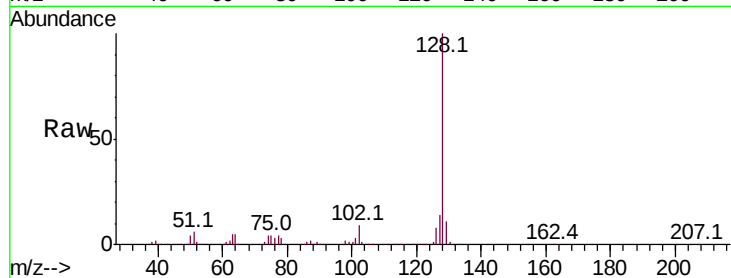




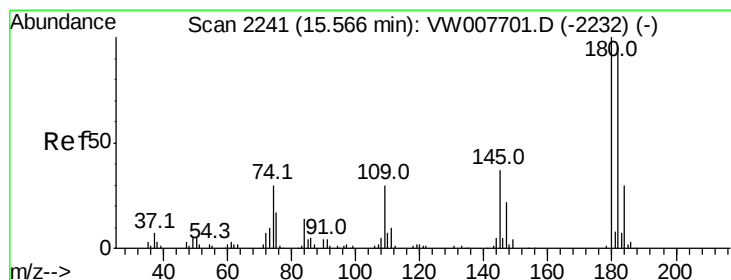
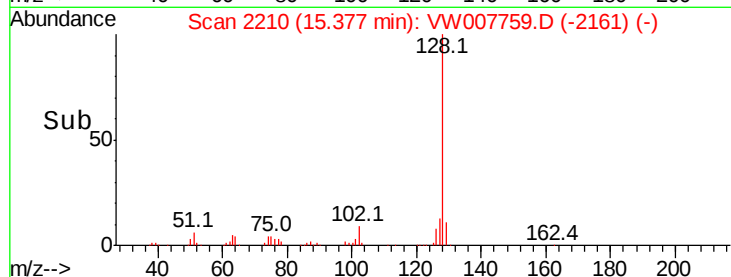
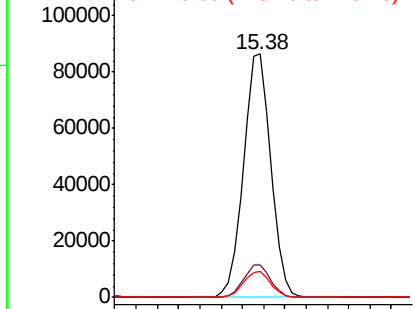
#95
Naphthalene
Concen: 78.449 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 155878
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.8 8.8 13.2

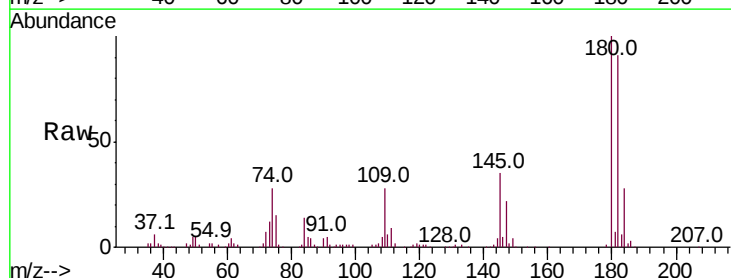


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 61.519 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion:180 Resp: 56596
Ion Ratio Lower Upper
180 100
182 94.0 47.4 142.2
145 38.9 18.4 55.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

